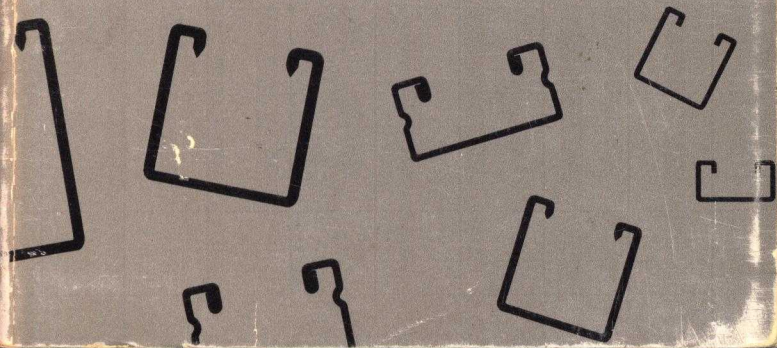
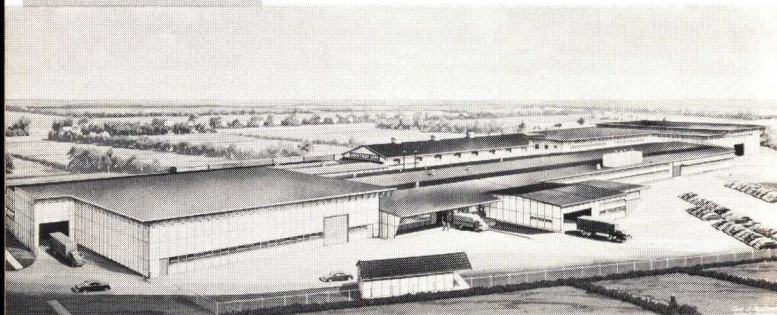


# UNISTRUT®

*General Engineering Catalog No. 810*





UNISTRUT CORPORATION, Wayne, Michigan

UNISTRUT, the original Attwood system of metal frame construction, has been made in this continually expanding plant since 1939, by the same company which has faithfully carried on its own research and development work as well as manufacturing since 1923. The buildings, except for the original brick building, are built entirely of UNISTRUT framing, which by itself is a very sizeable research project covering a period of over 15 years. Our customers can feel assured that the age and experience of our organization will merit the confidence they place in us.



Copyright 1958  
by UNISTRUT CORPORATION — Wayne, Michigan



## Foreword

With the development of UNISTRUT, a product was introduced that offered a quicker, easier way of building all types of frames and supports for electrical and mechanical equipment, storage racks, partitions plus a multitude of other uses. UNISTRUT has become the accepted name for all-purpose adjustable metal framing. It is a high tribute to the engineering design, manufacturing quality, field performance and acceptance of the UNISTRUT system of metal frame construction.

There is only one UNISTRUT system. It incorporates many exclusive patented features such as "serrated grooves" in the spring-held clamping nut and the pyramid shaped in-turned edges of the UNISTRUT channel which, working together, gives the UNISTRUT system its great strength, holding power and complete flexibility. Look for the name "UNISTRUT" stamped on every genuine UNISTRUT product.

This catalog presents all the necessary engineering data required on UNISTRUT channels and standard fittings for the use of designers when specifying UNISTRUT materials.

UNISTRUT is distributed by Unistrut Products Company, Chicago, Illinois through a network of authorized distributors. These franchised distributors are located in all principal cities of the United States and Canada. They maintain sales and engineering facilities and carry complete local warehouse stocks to render fast, intelligent service and practical assistance on any job. UNISTRUT is also exported throughout the world.

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066. Other patents pending.

**The word "UNISTRUT" is a registered trade mark.**

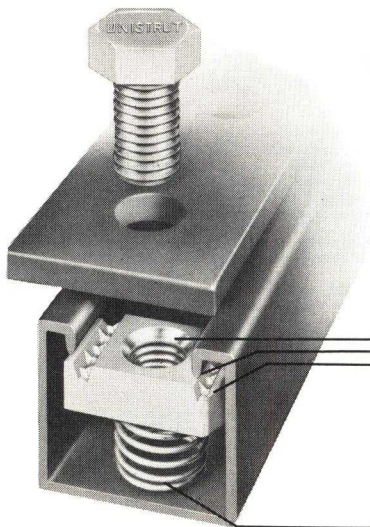
# UNISTRUT®

the original Attwood  
metal framing system

adjustable

demountable

reusable



#### LOOK FOR THESE FEATURES:

Large chamfer eases starting of bolt.  
Pyramid shaped clamping ridges and tapered, serrated grooves produce strong vise-like grip between channel and nut.

- Channel and nut is aligned since the pyramid shaped clamping ridges and the nut's tapered grooves act as guides.
- Nut grooves grip clamping ridges tying channel sides together as bolt is tightened.
- Longitudinal movement of nut is resisted as hardened teeth dig into the clamping ridges.

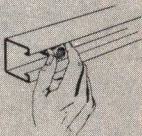
Spring holds nut in place — the workman's third hand.

#### THE "UNISTRUT" CONNECTION

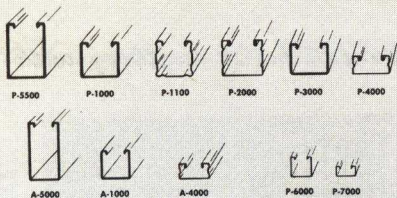
strong fast economical  
adaptable for all framing uses  
standardizing all joints



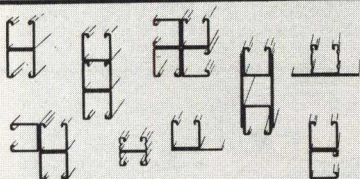
Spring nut is inserted anywhere along continuous slot. Rounded nut ends permit easy insertion.



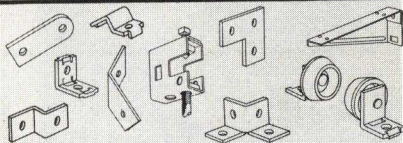
A 90 degree turn positions the serrated grooves in the nut with the clamping ridges of the channel.



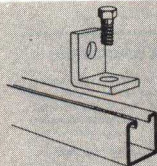
**ELEVEN BASIC CHANNEL SHAPES** — This wide variety permits the selection of the framing member best suited for strength, appearance and economy.



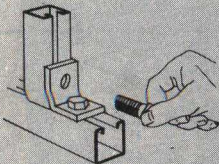
**MANY CHANNEL COMBINATIONS** — By spotwelding basic channels together an unlimited variety in framing members is possible.



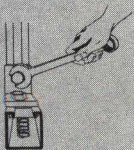
**FITTINGS FOR ALL FRAMING AND ALL KINDS OF ATTACHMENTS** — Many single fittings solve more than one kind of frame connection assuring multiple-use and standardization. In addition a wide selection of clamps, clips, brackets, rollers, etc. allows almost anything to be attached.



Fittings may be placed anywhere along channel slot permitting complete freedom of adjustment. The need for drilling holes is eliminated.



The fitting makes the connection between any framing channels or as means for other attachments.



A turn of a wrench locks the serrated teeth of the nut into the clamping ridge of the channel to make the strong, vise-like connection.



# *you can build anything with* **UNISTRUT**



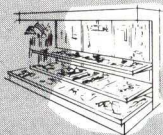
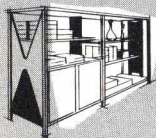
## **RACKS**

Pallet	General Storage
Die	Bar Stock
Sheet Material	Barrel
Cable Reel	Furniture
Production material	
Automotive Parts	



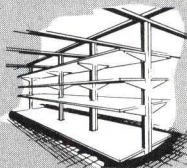
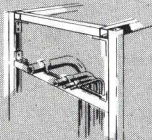
## **MOVEABLE PARTITIONS**

Floor to ceiling  
Door height  
Glazed railing  
Plain railing  
Tool crib



## **DISPLAYS**

Window display  
Merchandise display  
Display dividers  
Trade shows  
Display wall



## **SPECIAL APPLICATIONS**

Instrumentation	Mezzanines
Conveyor framing	Stairways
Shelf brackets	Fire escapes
Oven framing	Outdoor canopies

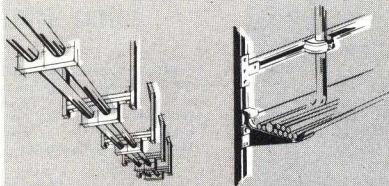
Thousands of Other Applications

# *you can attach anything with* **UNISTRUT**

## **ELECTRICAL SUPPORTS**

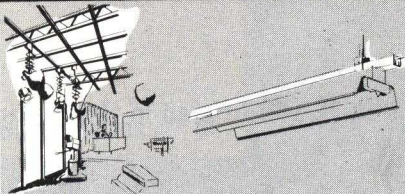
Conduit  
Bus bar  
Bus duct  
Cable tray  
Electrical equipment

Cable



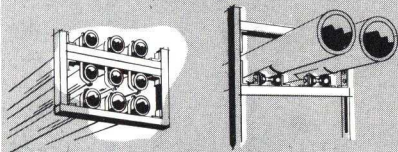
## **LIGHTING SUPPORTS**

Fluorescent fixtures  
Flood lighting  
Display  
Studio lighting  
Luminous ceilings



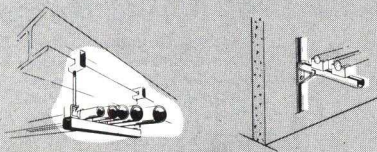
## **MECHANICAL SUPPORTS**

Water lines  
Tunnel stanchions  
Steam lines  
Pipe  
Tube

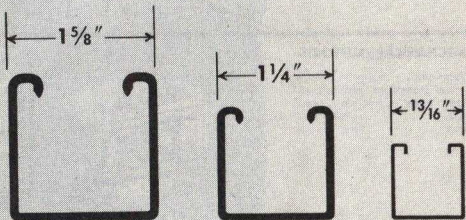


## **STRUCTURAL SUPPORTS**

Concrete inserts  
Brick wall inserts  
Beam attachments  
Trapezes  
Curtain walls



## UNISTRUT - offered in three channel width series



All the features of adjustability, demountability and reusability are duplicated in the three channel width series. Each series has channels of varying depth and gauge of metal. Each series has a complete line of framing and attachment fittings along with the nuts and bolts. Each series is a framing system, complete in itself, differing only in relative size and strength.



**1<sup>5</sup>/<sub>8</sub>**

## **channel width series**

This basic series is designed to carry the heaviest loads and to have widest variety of application. It has found widespread use in the general storage field as well as the mechanical and electrical trades where supports and attachments are needed for goods and equipment. Six basic channels with three as concrete inserts are offered.

**Channels and  
Combinations**

**General Fittings**

**UNISTRUT Nuts**

**Electrical  
Accessories**

**Mechanical  
Accessories**

**Building Items**

**1<sup>1</sup>/<sub>4</sub>**

## **channel width series**

This series is designed for framing uses of medium loads. It is especially applicable in the commercial and display fields. A complete system in itself, it carries relatively heavy loads but at the same time maintains a lightness in scale and cleanliness of line that makes it aesthetically pleasing for all interiors. Three basic channels are available.

**Channels and  
Combinations**

**General Fittings**

**UNISTRUT Nuts**

**1<sup>3</sup>/<sub>16</sub>**

## **channel width series**

This series is an exact half size reduction of the 1<sup>3</sup>/<sub>8</sub> channel width series. In this respect it can be used as an adjunct to the 1<sup>3</sup>/<sub>8</sub> series as well as being a system complete in itself. It is designed to carry light loads economically but at the same time provides the same flexibility of use as the other two series. Two channels are offered with both being available as concrete inserts.

**Channels and  
Combinations**

**General Fittings**

**UNISTRUT Nuts**

**Mechanical  
Accessories**

## *General Specifications*

### **FRAMING MEMBERS**

The UNISTRUT framing members are accurately and carefully cold formed to size from strip steel. One side of the channel has a continuous slot with inturned, pyramid shaped clamping ridges on each side. This pyramid shape guides the UNISTRUT nut grooves into place and provides a reduced area for the nut to bite into. Secure attachments may then be made to the framing member with the use of these hardened, toothed, slotted nuts which engage the clamping ridges.

### **FITTINGS**

The UNISTRUT fittings, unless noted otherwise, are punch press made from hot rolled, pickled and oiled steel plates or strip. The pickling of the steel produces a smooth surface free from scale.

### **NUTS**

The UNISTRUT nuts are made from steel bars and after all machining operations are completed, they are thoroughly cyanide hardened. They are rectangular with the ends so shaped as to permit a quarter turn crosswise in the framing member after inserting through the slotted opening in the channel and prevent any further turning of the nut. Two serrated grooves in the top of the nut engage the inturned edges of the channel and, after bolting operations are completed, will prevent any longitudinal movement of the bolt and nut within the framing member. All bolts and nuts have Unified and American coarse screw threads.

### **MAPLE AND PORCELAIN CLAMPS**

All maple bus bar and cable clamps are made from selected, clear, hard, kiln-dried maple. After fabrication, all clamps are boiled in paraffin until penetration reaches an average depth of 1/16".

All porcelain for clamps is made by the dry process, white glazed and of the best materials.

### **FINISH**

Standard finish on UNISTRUT channels and the majority of fittings, is greenamel. All material is "Bonderized" before painting. Nuts and bolts, pipe clamps, and P-6000 and P-7000 fittings are electro-galvanized. Most sections and parts can be supplied in plain oiled finish or hot dipped galvanized.

"Bonderizing" — All UNISTRUT steel products are "bonderized" prior to painting. This is a process which converts the iron and steel surfaces to a non-metallic phosphate coating, adapted to inhibiting corrosion and increasing the adhesion and resultant durability of the applied paint finishes.

Greenamel — This is a very high grade corrosion resisting green synthetic primer which is applied by dipping after all parts have been carefully cleaned and "Bonderized."

### **WEIGHTS AND DIMENSIONS**

Weights given for all materials are approximate shipping weights. All dimensions subject to commercial tolerance variations. The right is reserved to make dimensional or specification changes without notice.

1<sup>5</sup>/<sub>8</sub>

## channel width series

## "UNISTRUT" CHANNELS AND COMBINATIONS

## MATERIAL

All single "UNISTRUT" members are accurately and carefully rolled from mild strip steel. All multiple members are two or more single UNISTRUT members spot welded approximately 2" to 3" on center.

Single channels are also available in aluminum, brass or copper. P-1100, P-2000 and P-4000 are available in stainless steel.

## MATERIAL THICKNESS

The following thicknesses of the various channels are as follows:

P-1000	—	.109"
P-1100	—	.075"
P-2000	—	.055"
P-3000	—	.109"
P-4000	—	.055"
P-5500	—	.109"

## STANDARD LENGTHS

Standard lengths of the above channels are 10 and 20 feet (plus 1/4" to 1/2" to allow for cutting). Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus 1/16".

## FINISHES

All channels are available in plain, greenamel or hot dipped galvanized finish.

**UNISTRUT**  
*Corporation*

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.  
Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

## CHANNELS AND COMBINATIONS

P-1000

P-1100

P-2000

P-3000

P-4000

P-5500

PIERCED

KNOCKOUTS

CLOSURE STRIPS

ENGINEERING DATA

## NUTS AND BOLTS

"UNISTRUT" NUTS

STUD NUTS

STD SCREWS &amp; NUTS

## GENERAL FITTINGS

FLAT PLATE

NINETY DEGREE

ANGULAR

"Z" SHAPE

"U" SHAPE

WING

POST BASE

SLOTTED

TAPPED

STUD

SPECIAL APPLICATIONS

END CAPS

BRACKETS

## MECHANICAL ACCESSORIES

PIPE CLAMPS

PIPE SUPPORTS  
BRACKETS, ETC.

PIPE ROLLERS

BEAM CLAMPS

## ELECTRICAL ACCESSORIES

FITTINGS

SWITCH PLATES

FLUORESCENT  
FIXTURE FITTINGS

## BUILDING ITEMS

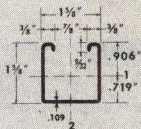
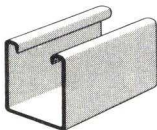
CONCRETE INSERTS

PARTITIONS AND  
DISPLAY FITTINGS



# 1a/2 P-1000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

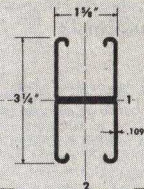
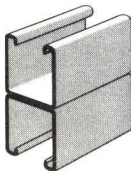


P-1000 channel and combinations are roll formed from 12 gauge (.109 thick) strip steel.

Standard lengths 10 and 20 feet.

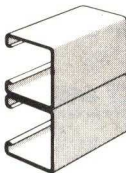
P-1000

Wt. Lbs./C Ft. 200

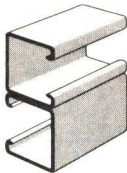


P-1001

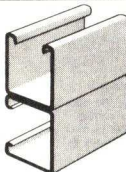
Wt. Lbs./C Ft. 400



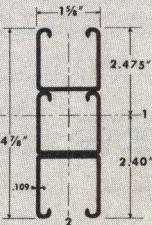
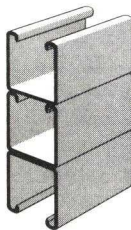
P-1001-A



P-1001-B

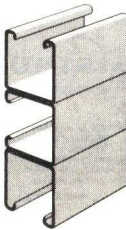


P-1001-C

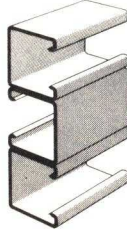


P-1001-3

Wt. Lbs./C Ft. 600



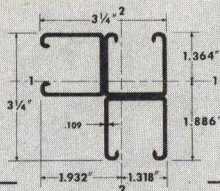
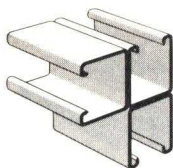
P-1001-A3



P-1001-B3

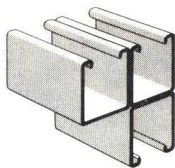
# P-1000 channel & combinations 1a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

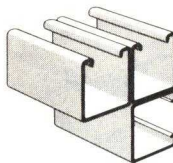


P-1001-C3

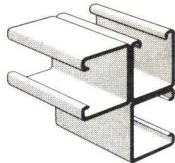
Wt. Lbs./C Ft. 600



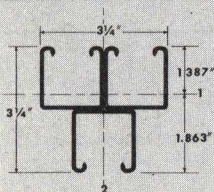
P-1001-C31



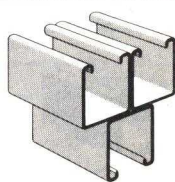
P-1001-C32



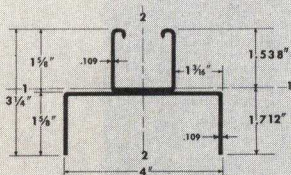
P-1001-C33



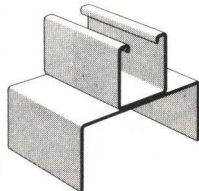
Wt. Lbs./C Ft. 600



P-1001-D3



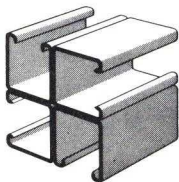
Wt. Lbs./C Ft. 463



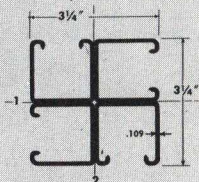
P-1002

# 1a/4 P-1000 channel & combinations

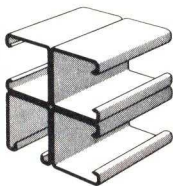
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



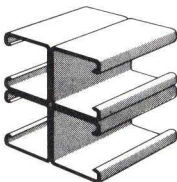
P-1001-C4



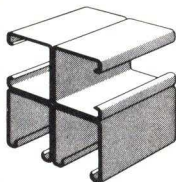
Wt. Lbs./C Ft. 800



P-1001-C42



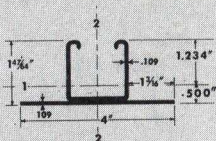
P-1001-C41



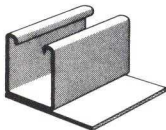
P-1001-C43



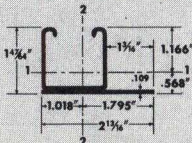
P-1003



Wt. Lbs./C Ft. 348



P-1003-1

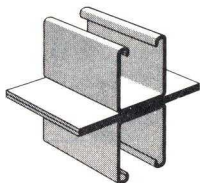


Wt. Lbs./C Ft. 304

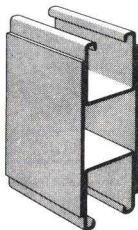




1



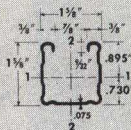
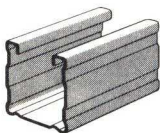
P-1004



P-1004-A

# 1a/6 P-1100 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

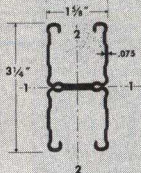
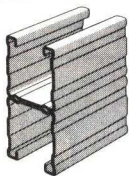


P-1100

Wt. Lbs./C Ft. 140

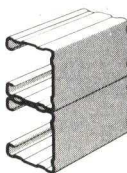
P-1100 channel and combinations are roll formed from 14 gauge (.075 thick) strip steel.

Standard lengths 10 and 20 feet.

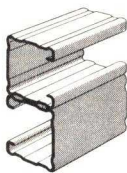


P-1101

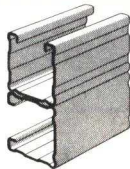
Wt. Lbs./C Ft. 280



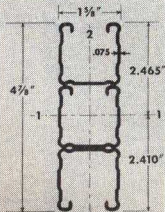
P-1101-A



P-1101-B

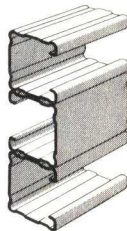


P-1101-C



P-1101-3

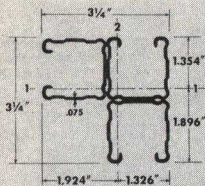
Wt. Lbs./C Ft. 420



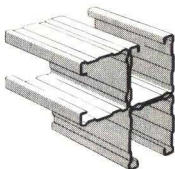
P-1101-B3

# P-1100 channel & combinations 1a/7

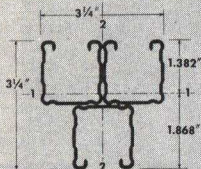
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



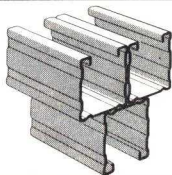
Wt. Lbs./C Ft. 420



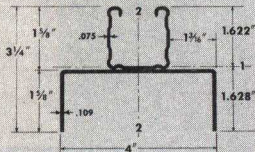
P-1101-C3



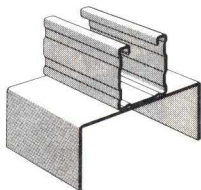
Wt. Lbs./C Ft. 420



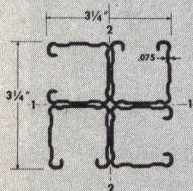
P-1101-D3



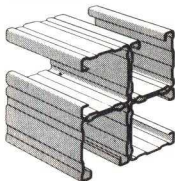
Wt. Lbs./C Ft. 403



P-1102



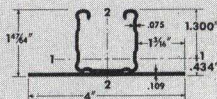
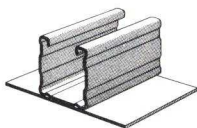
Wt. Lbs./C Ft. 560



P-1101-C4

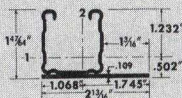
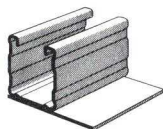
# 1a/8 P-1100 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



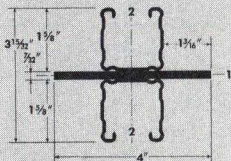
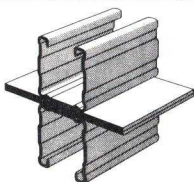
P-1103

Wt. Lbs./C Ft. 288



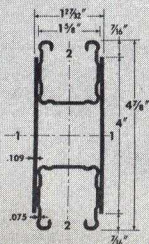
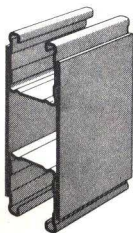
P-1103-1

Wt. Lbs./C Ft. 245



P-1104

Wt. Lbs./C Ft. 576



P-1104-A

Wt. Lbs./C Ft. 576

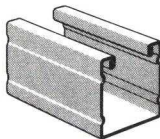
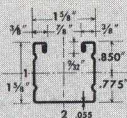


# P-2000 channel & combinations 1a/9

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

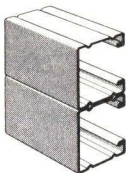
P-2000 channel and combinations are roll formed from .055 thick strip steel.

Standard lengths 10 and 20 feet.

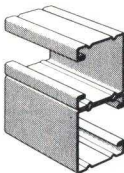


Wt. Lbs./C Ft. 115

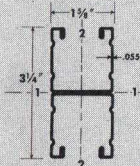
P-2000



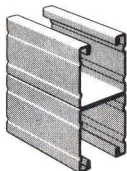
P-2001-A



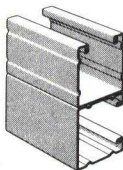
P-2001-B



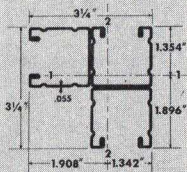
Wt. Lbs./C Ft. 230



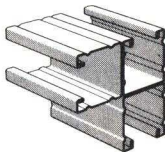
P-2001



P-2001-C



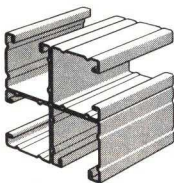
Wt. Lbs./C Ft. 345



P-2001-C3

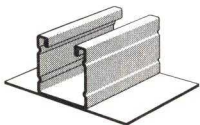
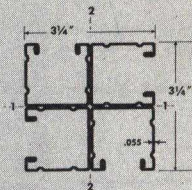
# 1a/10 P-2000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



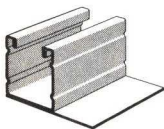
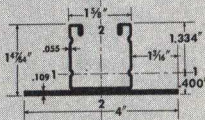
**P-2001-C4**

Wt. Lbs./C Ft. 460



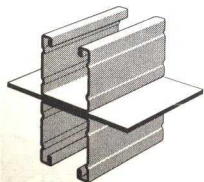
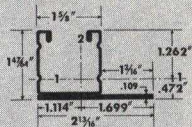
**P-2003**

Wt. Lbs./C Ft. 263



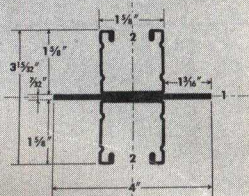
**P-2003-1**

Wt. Lbs./C Ft. 219



**P-2004**

Wt. Lbs./C Ft. 526

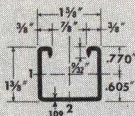


# P-3000 channel & combinations 1a/11

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

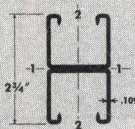
P-3000 channel and combinations are roll formed from 12 gauge (.109 thick) strip steel.

Standard lengths 10 and 20 feet.



Wt. Lbs./C Ft. 180

P-3000



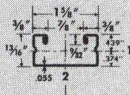
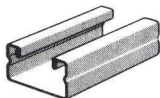
Wt. Lbs./C Ft. 360

P-3001



# 1a/12 P-4000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

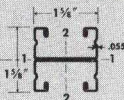
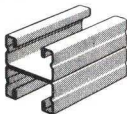


P-4000 channel and combinations are roll formed from .055 thick strip steel.

Standard lengths 10 and 20 feet.

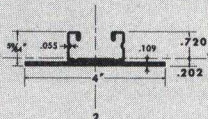
**P-4000**

Wt. Lbs./C Ft. 85



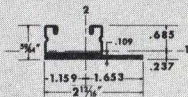
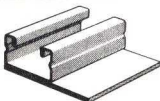
**P-4001**

Wt. Lbs./C Ft. 170



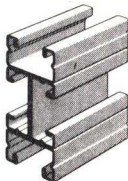
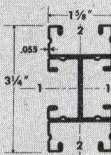
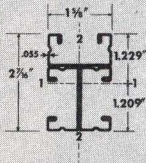
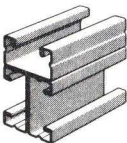
**P-4002-1**

Wt. Lbs./C Ft. 230



**P-4002-2**

Wt. Lbs./C Ft. 186



**P-4003**

Wt. Lbs./C Ft. 250

Wt. Lbs./C Ft. 340

**P-4004**

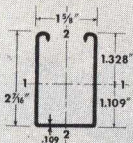


# P-5500 channel & combinations 1a/13

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

P-5500 channel and combinations are rolled from 12 gauge (.109 thick) strip steel.

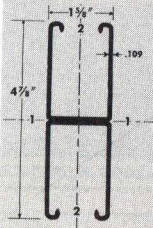
Standard lengths 10 and 20 feet.



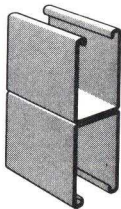
Wt. Lbs./C Ft. 260



P-5500



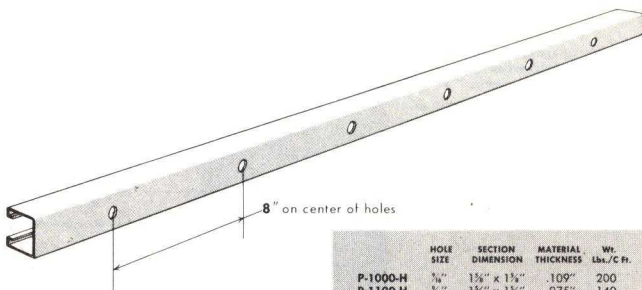
Wt. Lbs./C Ft. 520



P-5501

## pierced "unistrut" channels

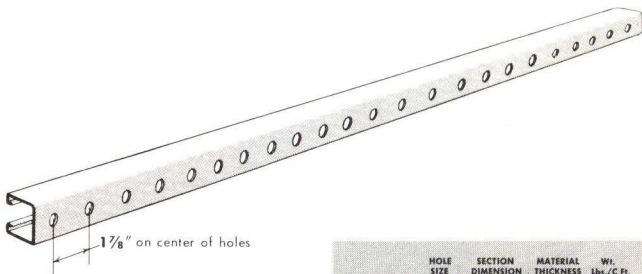
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



	HOLE SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.109"	200
P-1100-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.075"	140
P-2000-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.055"	115
P-3000-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.109"	180
P-4000-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.055"	85
P-5500-H	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $2\frac{3}{8}$ "	.109"	260

Standard lengths — 10' and 20'

P-1000-H, P-1100-H, P-2000-H, P-3000-H, P-4000-H &amp; P-5500-H



	HOLE SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.109"	195
P-1100-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.075"	136
P-2000-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.055"	112
P-3000-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.109"	175
P-4000-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $1\frac{3}{8}$ "	.055"	82
P-5500-HS	$\frac{3}{8}$ "	$1\frac{3}{8}$ " x $2\frac{3}{8}$ "	.109"	255

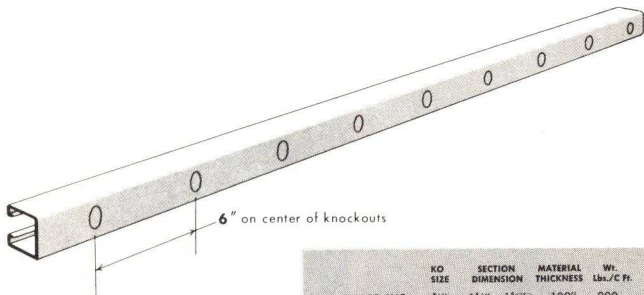
Standard lengths — 10' and 20'

P-1000-HS, P-1100-HS, P-2000-HS, P-3000-HS, P-4000-HS  
& P-5500-HS

# knockout "unistrut" channels

1a/15

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



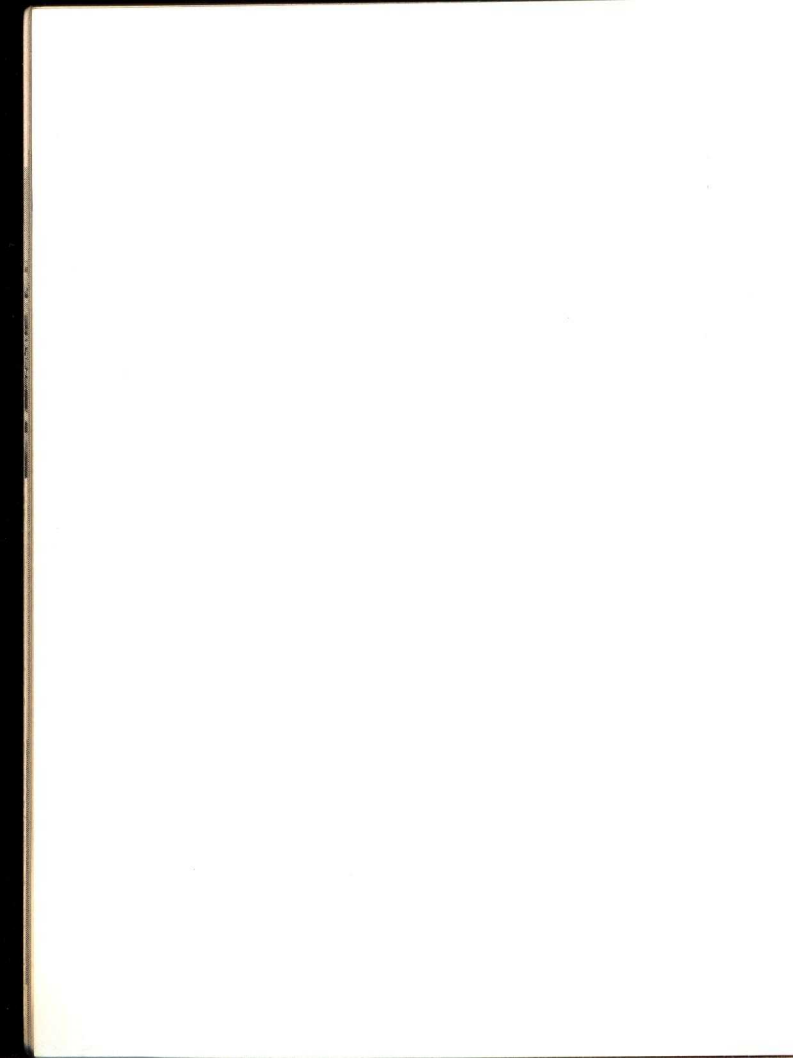
	KO SIZE	SECTION DIMENSION	MATERIAL THICKNESS	Wt. Lbs./C Ft.
P-1000-6KO	3/4"	1 1/2" x 1 3/8"	.109"	200
P-1100-6KO	3/4"	1 1/2" x 1 3/8"	.075"	140
P-2000-6KO	3/4"	1 3/4" x 1 3/8"	.055"	115
P-3000-6KO	3/4"	1 3/4" x 1 3/8"	.109"	180
P-5500-6KO	3/4"	1 3/4" x 2 1/4"	.109"	260

Standard lengths — 10' and 20'

---

P-1000-6KO, P-1100-6KO, P-2000-6KO, P-3000-6KO  
& P-5500-6KO

---





# closure strips

1b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



Wt. Lbs./C Ft. 27  
Standard length 10 feet



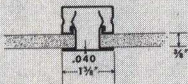
P-1184



Wt. Lbs./C Ft. 47  
Standard length 10 feet



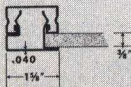
P-3184



Wt. Lbs./C Ft. 64  
Standard length 16 feet



P-4184-60



Wt. Lbs./C Ft. 64  
Standard length 16 feet



P-4184-61

# 1c/2 engineering data - P-1000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-1000	2500	.03	1000000	500000	10,250
	P-1003	3000	.02	1000000	500000	16,850
	P-1002	4900	.02	1000000	500000	22,700
	P-1001			1000000	500000	23,500
	P-1004			1000000	500000	34,200
	P-1001-C3			1000000	500000	29,900
	P-1001-C4			1000000	500000	39,900
	P-1001-3			1000000	500000	29,200
24"	P-1004-A			1000000	500000	34,100
	P-1000	1900	.06	1000000	500000	10,000
	P-1003	2300	.04	1000000	500000	16,580
	P-1002	3700	.03	1000000	500000	22,400
	P-1001			1000000	500000	23,000
	P-1004			1000000	500000	33,800
	P-1001-C3			1000000	500000	29,500
	P-1001-C4			1000000	500000	39,500
30"	P-1001-3			1000000	500000	28,900
	P-1004-A			1000000	500000	33,700
	P-1000	1500	.09	1000000	500000	9,300
	P-1003	1800	.06	1000000	500000	16,100
	P-1002	2900	.05	1000000	500000	22,000
	P-1001	4150	.05	1000000	500000	22,500
	P-1004	4500	.05	1000000	500000	33,200
	P-1001-C3			1000000	500000	29,300
36"	P-1001-C4			1000000	500000	39,200
	P-1001-3			1000000	500000	28,300
	P-1004-A			1000000	500000	33,100
	P-1000	1280	.13	1000000	500000	9,000
	P-1003	1520	.09	1000000	500000	15,650
	P-1002	2450	.07	1000000	500000	21,590
	P-1001	3500	.07	1000000	500000	22,000
	P-1004	3800	.07	1000000	500000	32,200
42"	P-1001-C3	4450	.06	1000000	500000	28,800
	P-1001-C4			1000000	500000	38,700
	P-1001-3			1000000	500000	27,300
	P-1004-A			1000000	500000	32,600
	P-1000	1080	.17	1000000	500000	8,000
	P-1003	1300	.12	1000000	500000	14,800
	P-1002	2100	.09	1000000	500000	20,900
	P-1001	3000	.10	1000000	500000	21,500
48"	P-1004	3250	.09	1000000	500000	31,900
	P-1001-C3	3850	.08	1000000	500000	28,400
	P-1001-C4			1000000	500000	38,050
	P-1001-3			1000000	500000	26,300
	P-1004-A			1000000	500000	31,800
	P-1000	950	.22	1000000	500000	7,000
	P-1003	1140	.16	1000000	500000	13,900
	P-1002	1860	.12	1000000	500000	20,150
48"	P-1001	2600	.12	1000000	500000	21,000
	P-1004	2870	.12	1000000	500000	30,900
	P-1001-C3	3400	.11	1000000	500000	27,900
	P-1001-C4	5900	.12	1000000	500000	37,500
	P-1001-3			1000000	500000	25,000
	P-1004-A			1000000	500000	30,800

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
60"	P-1000	750	.34	720	360	6,000
	P-1003	910	.25	880	600	11,950
	P-1002	1470	.18	1350	1350	18,850
	P-1001	2100	.19	1830	1830	19,000
	P-1004	2290	.18	2100	2100	28,800
	P-1001-C3	2700	.17			26,500
	P-1001-C4	4670	.20		3980	36,000
	P-1001-3	4700	.13			22,400
	P-1004-A	5880	.13			28,400
	P-1000	630	.50	500	250	5,200
72"	P-1003	760	.37	610	410	9,500
	P-1002	1230	.26	930	930	17,000
	P-1001	1740	.28	1260	1260	17,000
	P-1004	1900	.26	1470	1470	25,900
	P-1001-C3	2250	.24	1880	1880	24,950
	P-1001-C4	3900	.27	2820	2820	34,000
	P-1001-3	3920	.18			19,000
	P-1004-A	4900	.18			25,400
	P-1000	540	.68	360	180	4,500
	P-1003	650	.50	610	330	7,250
84"	P-1002	1060	.36	690	690	14,800
	P-1001	1490	.37	930	930	15,500
	P-1004	1630	.35	1070	1070	22,600
	P-1001-C3	1920	.32	1410	1410	23,000
	P-1001-C4	3330	.37	2100	2100	31,800
	P-1001-3	3360	.25	3110	3110	15,050
	P-1004-A	4200	.25	3910	3910	22,100
	P-1000	475	.89	280	140	4,000
	P-1003	570	.65	470	230	5,450
	P-1002	920	.47	530	530	12,150
96"	P-1001	1300	.49	710	710	13,500
	P-1004	1420	.46	820	820	19,000
	P-1001-C3	1680	.42	1060	1060	21,000
	P-1001-C4	2910	.49	1600	1600	29,100
	P-1001-3	2940	.33	2380	2380	11,750
	P-1001-A	3680	.33	3000	3000	18,500
	P-1000	370	1.35	180	90	3,000
	P-1003	460	1.02	300	150	3,100
	P-1002	740	.73	680	340	7,950
	P-1001	1040	.76	910	450	8,000
120"	P-1004	1140	.72	1050	520	12,100
	P-1001-C3	1350	.66	680	680	15,800
	P-1001-C4	2330	.76	2040	1020	22,800
	P-1001-3	2350	.51	1530	1530	6,900
	P-1004-A	2940	.51	1910	1910	11,600

### ELEMENTS OF SECTION

Part No.	Wt. / Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-1000	2.00	.591	.205	.226	.589	.254	.312	.655
P-1003-1	3.04	.891	.325	.277	.600	.755	.420	.920
P-1003	3.48	1.027	.337	.273	.572	.835	.417	.901
P-1002	4.63	1.358	.760	.444	.748	2.085	1.043	1.239
P-1001	4.00	1.182	1.021	.628	.929	.508	.625	.655
P-1004	6.96	2.054	1.187	.684	.760	1.770	.855	.928
P-1001-D3	6.00	1.773	1.430	.765	.900	1.548	.950	.930
P-1001-C3	6.00	1.773	1.530	.808	.930	1.640	.850	.960
P-1001-C4	8.00	2.364	2.300	1.400	.980	2.300	1.400	.980
P-1001-3	6.00	1.773	3.440	1.410	1.390	.710	.875	.632
P-1004-A	6.96	2.054	4.309	1.767	1.448	1.160	1.250	.750

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

### Strength of P-1010 Nuts used in P-1000

Resistance to Slip — 1500 Lbs. per bolt

Pull Out Strength — 2000 Lbs. per bolt

Safety Factor of 3

# 1c/4 engineering data - P-1100 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-1100	1780	.03	10000000	10000000	7,250
	P-1103	2330	.02	10000000	10000000	13,900
	P-1102	4000	.02	10000000	10000000	19,600
	P-1101	10000000	10000000	10000000	10000000	16,300
	P-1104	10000000	10000000	10000000	10000000	27,700
	P-1101-C3	10000000	10000000	10000000	10000000	20,500
	P-1101-C4	10000000	10000000	10000000	10000000	27,400
	P-1101-3	10000000	10000000	10000000	10000000	20,300
	P-1104-A	10000000	10000000	10000000	10000000	28,200
24"	P-1100	1330	.06	10000000	10000000	7,000
	P-1103	1750	.04	10000000	10000000	13,600
	P-1102	3000	.03	10000000	10000000	19,300
	P-1101	3700	.03	10000000	10000000	16,000
	P-1104	3830	.03	10000000	10000000	27,500
	P-1101-C3	10000000	10000000	10000000	10000000	20,400
	P-1101-C4	10000000	10000000	10000000	10000000	27,200
	P-1101-3	10000000	10000000	10000000	10000000	19,900
	P-1104-A	10000000	10000000	10000000	10000000	27,900
30"	P-1100	1060	.09	10000000	10000000	6,500
	P-1103	1400	.06	10000000	10000000	13,200
	P-1102	2400	.05	10000000	10000000	19,100
	P-1101	2950	.05	10000000	10000000	15,600
	P-1104	3070	.05	10000000	10000000	26,700
	P-1101-C3	3780	.04	10000000	10000000	19,900
	P-1101-C4	6540	.05	10000000	10000000	26,900
	P-1101-3	6460	.03	10000000	10000000	19,300
	P-1104-A	10000000	10000000	10000000	10000000	27,300
36"	P-1100	880	.12	10000000	710	6,200
	P-1103	1170	.09	10000000	10000000	12,700
	P-1102	2000	.06	10000000	10000000	18,600
	P-1101	2450	.07	10000000	10000000	15,100
	P-1104	2550	.07	10000000	10000000	26,200
	P-1101-C3	3160	.06	10000000	10000000	19,700
	P-1101-C4	5440	.07	10000000	10000000	26,600
	P-1101-3	5390	.05	10000000	10000000	18,900
	P-1104-A	8220	.05	10000000	10000000	27,000
42"	P-1100	760	.17	10000000	520	5,400
	P-1103	1000	.12	10000000	10000000	12,100
	P-1102	1710	.09	10000000	10000000	18,200
	P-1101	2100	.09	10000000	10000000	14,500
	P-1104	2190	.09	10000000	10000000	25,400
	P-1101-C3	2700	.08	10000000	10000000	18,600
	P-1104-C4	4660	.09	10000000	10000000	26,200
	P-1101-3	4620	.06	10000000	10000000	18,300
	P-1104-A	7050	.06	10000000	10000000	26,200
48"	P-1100	660	.22	10000000	400	4,800
	P-1103	870	.15	10000000	760	11,400
	P-1102	1500	.11	10000000	10000000	17,600
	P-1101	1840	.12	10000000	10000000	14,000
	P-1104	1920	.12	10000000	10000000	24,500
	P-1101-C3	2360	.12	10000000	10000000	19,200
	P-1101-C4	4080	.12	10000000	10000000	25,800
	P-1101-3	4040	.08	10000000	10000000	17,500
	P-1104-A	6160	.08	10000000	10000000	25,700



BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
60"	P-1100	530	.35	500	250	4,000
	P-1103	700	.24	.....	475	9,800
	P-1102	1200	.18	.....	1090	16,300
	P-1101	1480	.19	.....	1240	12,300
	P-1104	1530	.18	.....	1370	22,300
	P-1101-C3	1890	.17	.....	.....	18,300
	P-1101-C4	3270	.19	.....	2800	24,800
	P-1101-3	3220	.13	.....	.....	15,800
	P-1104-A	4940	.13	.....	.....	24,000
72"	P-1100	440	.50	350	180	3,300
	P-1103	580	.34	.....	340	7,800
	P-1102	1000	.26	.....	760	14,700
	P-1101	1230	.27	.....	860	11,000
	P-1104	1280	.26	.....	980	19,500
	P-1101-C3	1580	.26	.....	1330	17,300
	P-1101-C4	2720	.27	.....	2000	23,500
	P-1101-3	2690	.18	.....	.....	13,700
	P-1104-A	4110	.19	.....	.....	22,000
84"	P-1100	380	.68	260	130	2,800
	P-1103	500	.47	.....	250	6,000
	P-1102	860	.35	.....	570	12,800
	P-1101	1050	.38	.....	650	9,800
	P-1104	1090	.35	.....	720	16,200
	P-1101-C3	1350	.32	.....	970	16,100
	P-1101-C4	2330	.37	.....	1470	22,000
	P-1101-3	2310	.25	.....	2160	11,200
	P-1104-A	3520	.25	.....	3260	19,600
96"	P-1100	330	.88	200	100	2,300
	P-1103	440	.61	380	190	4,500
	P-1102	750	.47	.....	440	10,600
	P-1101	920	.49	.....	500	7,800
	P-1104	960	.46	.....	550	12,800
	P-1101-C3	1180	.42	.....	750	14,500
	P-1101-C4	2040	.48	.....	1120	20,400
	P-1101-3	2020	.33	.....	1650	8,700
	P-1104-A	3040	.32	.....	2500	16,900
120"	P-1100	260	1.36	130	65	1,500
	P-1103	350	.95	240	120	2,400
	P-1102	600	.73	560	280	7,000
	P-1101	730	.75	640	320	4,300
	P-1104	770	.73	700	350	7,900
	P-1101-C3	950	.66	.....	480	11,000
	P-1101-C4	1630	.75	1440	720	16,300
	P-1101-3	1620	.51	.....	1050	5,300
	P-1104-A	2470	.51	.....	1600	11,400

#### ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-1100	1.40	.406	.144	.160	.595	.177	.218	.659
P-1103-1	2.45	.706	.250	.203	.597	.430	.245	.780
P-1103	2.88	.842	.275	.210	.570	.758	.376	.940
P-1102	4.03	1.173	.630	.360	.750	2.000	1.000	1.300
P-1101	2.80	.812	.720	.440	.940	.354	.436	.659
P-1104	5.76	1.684	.792	.460	.680	1.616	.808	.980
P-1101-D3	4.20	1.218	1.050	.535	.930	1.090	.665	.950
P-1101-C3	4.20	1.218	1.076	.568	.940	1.133	.589	.965
P-1101-C4	5.60	1.624	1.620	.980	1.000	1.620	.980	1.000
P-1101-3	4.20	1.218	2.370	.970	1.400	.531	.654	.659
P-1104-A	5.76	1.684	3.60	1.480	1.460	1.100	1.060	.800

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

#### Strength of P-1010 Nuts used in P-1100

Resistance to Slip — 1000 Lbs. per bolt

Pull Out Strength — 1400 Lbs. per bolt

Safety Factor of 3

# 1c/6 engineering data - P-2000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-2000	1500	.03	400,000	400,000	5,750
	P-2003	1960	.02	400,000	400,000	12,300
	P-2001	2000	.03	400,000	400,000	12,700
	P-2004	2700	.03	400,000	400,000	24,900
	P-2001-C3	2700	.03	400,000	400,000	15,700
	P-2001-C4	2700	.03	400,000	400,000	20,900
24"	P-2000	1130	.06	400,000	400,000	5,500
	P-2003	1480	.04	400,000	400,000	12,000
	P-2001	3000	.03	400,000	400,000	12,500
	P-2004	3320	.03	400,000	400,000	24,600
	P-2001-C3	3320	.03	400,000	400,000	15,500
	P-2001-C4	3320	.03	400,000	400,000	20,700
30"	P-2000	900	.09	400,000	820	5,100
	P-2003	1180	.06	400,000	820	11,600
	P-2001	2400	.05	400,000	820	12,100
	P-2004	2660	.05	400,000	820	24,000
	P-2001-C3	3040	.04	400,000	820	15,400
	P-2001-C4	3040	.04	400,000	820	20,500
36"	P-2000	750	.13	400,000	570	4,800
	P-2003	980	.08	400,000	570	11,200
	P-2001	2000	.07	400,000	570	11,700
	P-2004	2210	.07	400,000	570	23,300
	P-2001-C3	2550	.06	400,000	570	15,200
	P-2001-C4	3720	.06	400,000	570	20,300
42"	P-2000	650	.18	400,000	420	4,100
	P-2003	840	.12	400,000	420	10,600
	P-2001	1730	.09	400,000	420	11,000
	P-2004	1910	.09	400,000	420	22,600
	P-2001-C3	2170	.08	400,000	420	14,900
	P-2001-C4	3190	.09	400,000	420	20,000
48"	P-2000	570	.24	400,000	320	3,700
	P-2003	740	.15	400,000	650	10,000
	P-2001	1500	.12	400,000	650	10,500
	P-2004	1670	.12	400,000	650	21,700
	P-2001-C3	1900	.11	400,000	650	14,700
	P-2001-C4	2790	.11	400,000	650	19,600
60"	P-2000	450	.37	420	210	3,000
	P-2003	590	.23	420	420	8,500
	P-2001	1210	.19	420	1060	9,000
	P-2004	1330	.18	420	1220	19,700
	P-2001-C3	1520	.17	420	1220	14,000
	P-2001-C4	2240	.18	420	2120	18,800

# P-2000 channel & combinations - engineering data .1c/7

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
72"	P-2000	380	.54	280	140	2,400
	P-2003	490	.34	330	290	6,600
	P-2001	1000	.27	500	730	7,800
	P-2004	1110	.26	500	850	17,200
	P-2001-C3	1270	.24	500	1070	13,200
	P-2001-C4	1860	.25	500	1460	17,800
84"	P-2000	320	.71	210	110	2,000
	P-2003	420	.46	330	220	5,100
	P-2001	870	.37	500	550	6,900
	P-2004	950	.35	500	630	14,400
	P-2001-C3	1090	.32	500	790	12,400
	P-2001-C4	1600	.35	500	1080	16,600
96"	P-2000	280	.93	160	80	1,500
	P-2003	370	.60	330	160	3,800
	P-2001	760	.49	500	410	5,000
	P-2004	830	.46	500	480	11,400
	P-2001-C3	950	.42	500	600	11,300
	P-2001-C4	1400	.46	500	820	15,200
120"	P-2000	220	1.43	100	50	800
	P-2003	300	.96	210	110	2,100
	P-2001	600	.76	530	260	2,400
	P-2004	670	.72	620	310	7,000
	P-2001-C3	760	.66	500	380	8,700
	P-2001-C4	1120	.71	1060	530	11,800

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-2000	1.15	.310	.115	.136	.610	.133	.164	.652
P-2003-1	2.19	.610	.220	.174	.601	.382	.225	.792
P-2003	2.63	.746	.236	.177	.560	.714	.357	.978
P-2001	2.30	.620	.593	.365	.970	.266	.327	.655
P-2004	5.26	1.492	.693	.400	.680	1.431	.824	.976
P-2001-C3	3.45	.930	.863	.456	.960	.853	.448	.960
P-2001-C4	4.60	1.240	1.186	.670	.970	1.186	.670	.970

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

## Strength of P-1010 Nuts used in P-2000

Resistance to Slip — 1000 Lbs. per bolt

Pull Out Strength — 1000 Lbs. per bolt

Safety Factor of 3

# 1c/8 engineering data - P-3000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-3000	1930	.04			8,700
	P-3001	5330	.02			20,000
24''	P-3000	1445	.07			8,500
	P-3001	4000	.04			19,500
30''	P-3000	1155	.10		945	7,900
	P-3001	3195	.06			19,100
36''	P-3000	960	.15		660	7,600
	P-3001	2660	.08			18,700
42''	P-3000	820	.20		480	6,800
	P-3001	2275	.11			18,300
48''	P-3000	725	.26		375	5,900
	P-3001	1990	.15		1840	17,800
60''	P-3000	570	.40	470	235	5,100
	P-3001	1585	.23		1175	16,100
72''	P-3000	470	.57	330	165	4,400
	P-3001	1315	.32		815	14,400
84''	P-3000	400	.77	240	120	3,800
	P-3001	1120	.55		600	13,200
96''	P-3000	345	1.00	180	90	3,400
	P-3001	975	.57	910	455	11,500
120''	P-3000	270	1.51	120	60	2,500
	P-3001	770	.87	580	290	6,800

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-3000	1.80	.535	.134	.174	.500	.220	.270	.640
P-3001	3.60	1.070	.660	.480	.795	.440	.348	.640

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

## Strength of P-1010 Nuts used in P-3000

Resistance to Slip — 1500 Lbs. per bolt

Pull Out Strength — 2000 Lbs. per bolt

Safety Factor of 3

# P-4000 channel & combinations - engineering data 1c/9

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18''	P-4000	610	.06		440	4,900
	P-4001	1480	.04			8,400
	P-4003	3680	.02			11,900
	P-4004	5900	.02			16,800
24''	P-4000	460	.11		240	4,600
	P-4001	1110	.06			8,200
	P-4003	2760	.05			11,800
	P-4004	4430	.03			16,400
30''	P-4000	370	.18	310	150	4,000
	P-4001	880	.10		760	8,100
	P-4003	2220	.06			11,500
	P-4004	3530	.05			16,000
36''	P-4000	310	.26	220	110	3,400
	P-4001	730	.14		530	7,900
	P-4003	1840	.09			11,200
	P-4004	2940	.07			15,600
42''	P-4000	260	.35	170	90	3,000
	P-4001	630	.19		390	7,600
	P-4003	1580	.12		1480	11,000
	P-4004	2530	.09			15,000
48''	P-4000	240	.47	140	70	2,800
	P-4001	560	.25		300	7,100
	P-4003	1380	.16		1140	10,600
	P-4004	2210	.12			14,200
60''	P-4000	180	.69	80	40	2,100
	P-4001	440	.39	380	190	6,000
	P-4003	1110	.26		730	10,000
	P-4004	1770	.19		1530	13,000
72''	P-4000	150	1.00	60	30	
	P-4001	370	.57	260	130	5,100
	P-4003	930	.37		510	9,000
	P-4004	1470	.28		1060	11,000
84''	P-4000					
	P-4001					4,200
	P-4003	790	.50	740	370	8,000
	P-4004	1260	.38		780	9,600
96''	P-4000					
	P-4001					3,800
	P-4003	690	.65	560	280	7,000
	P-4004	1100	.49		600	8,000
120''	P-4000					
	P-4001					2,000
	P-4003	550	1.01	360	180	6,000
	P-4004	880	.77	780	390	6,500



# 1c/10 engineering data - P-4000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-4000	.850	.230	.022	.050	.310	.085	.105	.610
P-4002-2	1.86	.530	.030	.043	.247	.490	.300	.96
P-4002-1	2.30	.666	.037	.052	.235	.665	.332	1.00
P-4003	2.500	.690	.408	.332	.770	.193	.238	.530
P-4001	1.700	.460	.108	.133	.485	.170	.210	.610
P-4004	3.400	.920	.860	.530	.968	.278	.342	.550

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

### Strength of P-4010 Nuts used in P-4000

Resistance to Slip — 1000 Lbs. per bolt

Pull Out Strength — 1000 Lbs. per bolt

Safety Factor of 3

# P-5500 channel & combinations - engineering data 1c/11

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-5500	4700	.02			12,000
	P-5501					25,200
24"	P-5500	3530	.04			11,500
	P-5501					24,800
30"	P-5500	2830	.06			11,000
	P-5501	8150	.03			24,200
36"	P-5500	2360	.09			10,500
	P-5501	6800	.05			23,600
42"	P-5500	2020	.12			9,000
	P-5501	5840	.06			22,800
48"	P-5500	1760	.15		1570	8,000
	P-5501	5100	.08			22,000
60"	P-5500	1400	.24		1000	6,700
	P-5501	4090	.13			20,500
72"	P-5500	1170	.34		690	5,600
	P-5501	3400	.18			18,200
84"	P-5500	990	.46		510	4,800
	P-5501	2920	.25		2710	16,500
96"	P-5500	860	.60	780	390	4,200
	P-5501	2550	.33		2040	14,200
120"	P-5500	680	.94	500	250	3,000
	P-5501	2040	.51		1330	8,200

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I in. <sup>4</sup>	S in. <sup>3</sup>	r in.	I in. <sup>4</sup>	S in. <sup>3</sup>	r in.
P-5500	2.60	.756	.563	.424	.863	.348	.428	.680
P-5501	5.20	1.512	2.986	1.225	1.220	.696	.856	.680

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

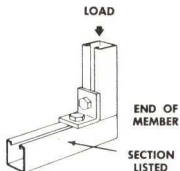
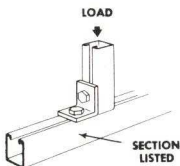
## Strength of P-5510 Nuts used in P-5500

Resistance to Slip — 1500 Lbs. per bolt

Pull Out Strength — 2000 Lbs. per bolt

Safety Factor of 3

Load data for "UNISTRUT" sections subject to crushing loads.

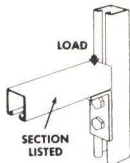
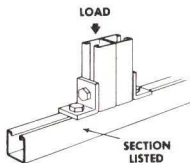


SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	5000
P-1100	3500
P-2000	2000
P-3000	5000
P-4000	2200
P-5500	5000

\*Safety factor —  $2\frac{1}{2}$

SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	3500
P-1100	2500
P-2000	1500
P-3000	3500
P-4000	1700
P-5500	3500

\*Safety factor —  $2\frac{1}{2}$



SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	8000
P-1100	5500
P-2000	3000
P-3000	8000
P-4000	3500
P-5500	8000

\*Safety factor —  $2\frac{1}{2}$

SECTION	RECOMMENDED LOAD IN LBS.*
P-1000	2500
P-1100	2000
P-2000	1000
P-3000	2500
P-4000	1000
P-5500	2500

\*Safety factor —  $2\frac{1}{2}$

# 1 5/8

## channel width series

### "UNISTRUT" NUTS AND BOLTS

#### MATERIAL

UNISTRUT spring nuts are manufactured from mild steel bars, and after all machining operations are completed, they are thoroughly cyanide hardened. Hardening assures positive biting action into the inturred edge of the UNISTRUT. Similar nuts without springs are also available.

UNISTRUT stud nuts are manufactured by welding studs to UNISTRUT nuts.

#### THREADS

All threads on the nuts and bolts are Unified and American screw threads.

#### FINISHES

Nuts and bolts are available in plain or electro-galvanized finish.

**UNISTRUT**  
*Corporation*

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484403, 484406, 506364, 521162, 524699, and 537066.  
Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

### CHANNELS AND COMBINATIONS

P-1000  
P-1100  
P-2000  
P-3000  
P-4000  
P-5500  
PIERCED  
KNOCKOUTS  
CLOSURE STRIPS  
ENGINEERING DATA

### NUTS AND BOLTS

UNISTRUT NUTS  
STUD NUTS  
STD SCREWS & NUTS

### GENERAL FITTINGS

FLAT PLATE  
NINETY DEGREE  
ANGULAR  
"Z" SHAPE  
"U" SHAPE  
WING  
POST BASE  
SLOTTED  
TAPPED  
STUD  
SPECIAL APPLICATIONS  
END CAPS  
BRACKETS

### MECHANICAL ACCESSORIES

PIPE CLAMPS  
PIPE SUPPORTS  
BRACKETS, ETC.  
PIPE ROLLERS  
BEAM CLAMPS

### ELECTRICAL ACCESSORIES

FITTINGS  
SWITCH PLATES  
FLUORESCENT  
FIXTURE FITTINGS

### BUILDING ITEMS

CONCRETE INSERTS  
PARTITIONS AND  
DISPLAY FITTINGS

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



WITHOUT SPRING					Wt.		
					SIZE	THREAD	Lbs./C
WITH SPRING					P-3016-0632	#6	32 2
					P-3016-0832	#8	32 2
					P-3016-1024	#10	24 4
					P-3016-1420	1/4"	20 4
	P-1006-0832	#8	32	8	P-3006-0832	#8	32 7
	P-1006-1024	#10	24	8	P-3006-1024	#10	24 7
	P-1006-1420	1/4"	20	8	P-3006-1420	1/4"	20 7
	P-1007	3/8"	18	9	P-3007	3/8"	18 8
	P-1008	3/8"	16	10	P-3008	3/8"	16 9
	P-1009	3/8"	14	11	P-3009	3/8"	14 11
	P-1010	1/2"	13	12	P-3010	1/2"	13 11
	P-1012S	3/4"	11	21	P-1012	3/4"	11 20
	P-1023S	3/4"	10	21	P-1023	3/4"	10 20



## "UNISTRUT" NUTS for P-1000, P-1100, P-2000, and P-3000 channels



WITHOUT SPRING					Wt.		
					SIZE	THREAD	Lbs./C
WITH SPRING					P-3016-0632	#6	32 2
					P-3016-0832	#8	32 2
					P-3016-1024	#10	24 4
					P-3016-1420	1/4"	20 4
	P-4006-0832	#8	32	8	P-3006-0832	#8	32 7
	P-4006-1024	#10	24	8	P-3006-1024	#10	24 7
	P-4006-1420	1/4"	20	8	P-3006-1420	1/4"	20 7
	P-4007	3/8"	18	9	P-3007	3/8"	18 8
	P-4008	3/8"	16	10	P-3008	3/8"	16 9
	P-4009	3/8"	14	11	P-3009	3/8"	14 9
	P-4010	1/2"	13	12	P-3013	1/2"	13 9
	P-4012S	3/4"	11	11	P-4012	3/4"	11 10
	P-4023S	3/4"	10	11	P-4023	3/4"	10 10



## "UNISTRUT" NUTS for P-4000 channel



# "unistrut" nuts

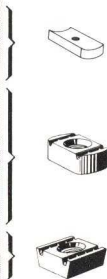
2a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## WITHOUT SPRING

### WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
P-3016-0632	#6	32	2
P-3016-0832	#8	32	2
P-3016-1024	#10	24	4
P-3016-1420	1/4"	20	4
P-5506-0832	#8	32	9
P-5506-1024	#10	24	9
P-5506-1420	1/4"	20	9
P-5507	5/16"	18	10
P-5508	3/8"	16	10
P-5509	7/16"	14	12
P-5510	1/2"	13	14
P-3006-0832	#8	32	7
P-3006-1024	#10	24	7
P-3006-1420	1/4"	20	7
P-3007	5/16"	18	8
P-3008	3/8"	16	9
P-3009	7/16"	14	11
P-3010	1/2"	13	11
P-1012	3/4"	11	20
P-1023	3/4"	10	20



## "UNISTRUT" NUTS for P-5500 channel

# "unistrut" stud nuts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
1/2" - 20 STUD NUTS			1/2" - 13 STUD NUTS		
P-2378-1	3/4"	8	P-2381-1	3/8"	12
P-2378-2	1"	9	P-2381-2	1/2"	14
P-2378-3	1 1/4"	9	P-2381-3	1 1/4"	15
P-2378-4	1 1/2"	9	P-2381-4	1 3/4"	17
P-2378-5	1 3/4"	10	P-2381-5	1 3/4"	18
P-2378-6	2"	10	P-2381-6	1 3/4"	19
3/4" - 18 STUD NUTS			P-2381-7	2"	20
P-2379-1	3/4"	12	P-2381-8	2 1/4"	22
P-2379-2	1"	12	P-2381-9	2 1/2"	23
P-2379-3	1 1/4"	13	P-2381-10	2 3/4"	24
P-2379-4	1 1/2"	13	P-2381-11	3"	26
P-2379-5	1 3/4"	14	P-2381-12	3 1/4"	27
P-2379-6	2"	14	3/4" - 11 STUD NUTS		
1" - 16 STUD NUTS			P-2382-1	3/4"	16
P-2380-1	3/4"	13	P-2382-2	1"	18
P-2380-2	1"	13	P-2382-3	1 1/4"	20
P-2380-3	1 1/4"	14	P-2382-4	1 1/2"	22
P-2380-4	1 1/2"	15	P-2382-5	1 3/4"	25
P-2380-5	1 3/4"	16	P-2382-6	2"	27
P-2380-6	2"	16	Special stud lengths can be supplied upon request.		
P-2380-7	2 1/4"	17			
P-2380-8	2 1/2"	18			



NOTE:  
GROOVES  
SERRATED



NOTE:

GROOVES  
NOT  
SERRATED

"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
<b>1/2" - 20 STUD NUTS</b>			<b>1/2" - 13 STUD NUTS</b>		
P-2383-1	3/4"	8	P-2386-1	3/4"	12
P-2383-2	1"	9	P-2386-2	3/4"	14
P-2383-3	1 1/4"	9	P-2386-3	1 1/4"	15
P-2383-4	1 1/2"	9	P-2386-4	1 1/4"	17
P-2383-5	1 3/4"	10	P-2386-5	1 3/4"	18
P-2383-6	2"	10	P-2386-6	1 3/4"	19
<b>3/4" - 18 STUD NUTS</b>			P-2386-7	2"	20
P-2384-1	3/4"	12	P-2386-8	2 1/4"	22
P-2384-2	1"	12	P-2386-9	2 1/4"	23
P-2384-3	1 1/4"	13	P-2386-10	2 3/4"	24
P-2384-4	1 1/2"	13	P-2386-11	3"	26
P-2384-5	1 3/4"	14	P-2386-12	3 1/4"	27
P-2384-6	2"	14	<b>1/2" - 11 STUD NUTS</b>		
<b>1" - 16 STUD NUTS</b>			P-2387-1	3/4"	16
P-2385-1	3/4"	13	P-2387-2	1"	18
P-2385-2	1"	13	P-2387-3	1 1/4"	20
P-2385-3	1 1/4"	14	P-2387-4	1 1/4"	22
P-2385-4	1 1/2"	15	P-2387-5	1 3/4"	25
P-2385-5	1 3/4"	16	P-2387-6	2"	27
P-2385-6	2"	16	Special stud lengths can be supplied upon request.		
P-2385-7	2 1/4"	17			
P-2385-8	2 1/2"	18			

## P-2383-1 thru P-2387-6



NOTE:

GROOVES  
NOT  
SERRATED

"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C	"A" STUD LGTH	"B" THD LGTH	Wt. Lbs./C
<b>1/2" - 20 STUD NUTS</b>			<b>1/2" - 13 STUD NUTS</b>		
P-2388-1	3/4"	8	P-2391-1	3/4"	12
P-2388-2	1"	9	P-2391-2	3/4"	13
P-2388-3	1 1/4"	9	P-2391-3	1 1/4"	15
P-2388-4	1 1/2"	9	P-2391-4	1 1/4"	16
P-2388-5	1 3/4"	10	P-2391-5	1 3/4"	17
P-2388-6	2"	10	P-2391-6	1 3/4"	19
<b>3/4" - 18 STUD NUTS</b>			P-2391-7	2"	19
P-2389-1	3/4"	12	P-2391-8	2 1/4"	21
P-2389-2	1"	12	P-2391-9	2 1/4"	22
P-2389-3	1 1/4"	13	P-2391-10	2 3/4"	24
P-2389-4	1 1/2"	13	P-2391-11	3"	25
P-2389-5	1 3/4"	14	P-2391-12	3 1/4"	26
P-2389-6	2"	14	<b>1/2" - 11 STUD NUTS</b>		
<b>1" - 16 STUD NUTS</b>			P-2392-1	3/4"	15
P-2390-1	3/4"	13	P-2392-2	1"	17
P-2390-2	1"	13	P-2392-3	1 1/4"	20
P-2390-3	1 1/4"	14	P-2392-4	1 1/4"	22
P-2390-4	1 1/2"	15	P-2392-5	1 3/4"	24
P-2390-5	1 3/4"	16	P-2392-6	2"	26
P-2390-6	2"	16	Special stud lengths can be supplied upon request.		
P-2390-7	2 1/4"	17			
P-2390-8	2 1/2"	18			

## P-2388-1 thru P-2392-6

# standard screws, nuts and washers

2b/1

UNISTRUT CORPORATION • Wayne, Michigan



**FLAT  
HEAD  
MACH.  
SCREWS**

SIZES	Wt. Lbs./C
1/4" x 3/8"	1.2
3/8" x 1"	2.6
3/8" x 2"	6.5
3/8" x 2 1/2"	7.1
3/8" x 3"	7.7
1/2" x 1"	9.3
1/2" x 1 1/2"	1.0
1/2" x 2 1/2"	1.7



**HEX  
HEAD  
CAP  
SCREWS**

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
1/4" x 3/8"	1.0	3/8" x 2 1/2"	8.4
1/4" x 1/2"	1.3	1/2" x 3/8"	9.1
3/8" x 3/8"	4.0	1/2" x 1 1/8"	10.2
3/8" x 1"	4.4	1/2" x 1 1/2"	11.6
3/8" x 1 1/4"	4.5	1/2" x 1 3/4"	13.1
3/8" x 1 1/2"	5.3	1/2" x 2"	14.6
3/8" x 1 3/4"	6.0	1/2" x 2 1/4"	16.0
3/8" x 2"	7.6	1/2" x 2 3/4"	17.5



**ROUND  
HEAD  
MACH.  
SCREWS**

SIZES	Wt. Lbs./C
1/4" x 3/8"	1.2
3/8" x 1"	1.5
3/8" x 1 1/4"	2.6
3/8" x 1 1/2"	3.0
3/8" x 1 3/4"	4.1
3/8" x 2"	4.7
3/8" x 2 1/4"	5.3
3/8" x 2 3/4"	7.7



**SQUARE  
HEAD  
SET  
SCREWS**

SIZES	Wt. Lbs./C
3/8" x 1 1/4"	3.9
3/8" x 1 1/2"	4.5
3/8" x 2"	6.1
1/2" x 1 1/4"	8.5
1/2" x 2"	11.4
3/8" x 2 1/4"	14.5
3/8" x 1 1/2"	23.5



**PHILLIPS  
ROUND  
HEAD  
SELF TAPPING  
SCREWS**

SIZES	Wt. Lbs./C
#8-32 x 1/4"	0.4



**PHILLIPS  
FLAT HEAD  
MACH.  
SCREWS**

SIZES	Wt. Lbs./C
3/8" x 3/4"	1.8
3/8" x 1 1/4"	3.0
3/8" x 1 1/2"	3.5



**SQUARE  
NUTS**

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
1/4"	0.9	1/2"	5.8
3/8"	1.6	3/4"	10.7
3/4"	2.7		



**HEXAGON  
NUTS**

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
1/4"	0.6	3/4"	1.6
3/8"	1.2	1/2"	4.8



**FLAT  
WASHERS**

SIZES	Wt. Lbs./C	SIZES	Wt. Lbs./C
1/4"	0.7	3/8"	1.5
3/8"	1.0	1/2"	3.5



**LOCK  
WASHERS**

SIZES	Wt. Lbs./C
1/4"	3.5



# 1 5/8

## channel width series

### "UNISTRUT" FITTINGS

#### MATERIAL

Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.

#### STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted on the part drawings:

Hole size	—	3/8" diameter
Hole spacing	—	1 1/4" from end of fitting
	—	1 1/2" center to center
Fitting width	—	1 3/4"
Fitting thickness	—	1/4"

#### FITTING APPLICATION

All parts drawings illustrate only one application of each fitting. In most cases many other applications are possible. The UNISTRUT members shown in the illustrations are P-1000, 1 1/4" square, except where noted otherwise. All 3/8" diameter holes use 1/2" x 3/4" hex head cap screws and 1/2" UNISTRUT nuts — P-1010, P-4010 or P-5510 — depending on the UNISTRUT channel used. Nuts and bolts are not included with the fitting and must be ordered separately.

#### DESIGN LOAD DATA

Where applicable, design data with a safety factor of 2 1/2 based on the ultimate strength of the connection is indicated, similar to the following examples.



Many load diagrams indicate three different design loads. These loads vary with the thickness of the steel from which UNISTRUT channel is formed. Since the same thickness steel is used for different sizes of UNISTRUT channel the same design load applies for P-3000 and P-5500 as for P-1000 and the loads for P-2000 also apply to P-4000.

#### FINISHES

All fittings in this section are available in plain, greenamel or hot dipped galvanized finish.

**UNISTRUT**  
Corporation

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.

Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

### CHANNELS AND COMBINATIONS

P-1000
P-1100
P-2000
P-3000
P-4000
P-5500
PIERCED
KNOCKOUTS
CLOSURE STRIPS
ENGINEERING DATA

### NUTS AND BOLTS

"UNISTRUT" NUTS
STUD NUTS
STD SCREWS & NUTS

### GENERAL FITTINGS

FLAT PLATE
NINETY DEGREE
ANGULAR
"Z" SHAPE
"U" SHAPE
WING
POST BASE
SLOTTED
TAPPED
STUD
SPECIAL APPLICATIONS
END CAPS
BRACKETS

### MECHANICAL ACCESSORIES

PIPE CLAMPS
PIPE SUPPORTS
BRACKETS, ETC.
PIPE ROLLERS
BEAM CLAMPS

### ELECTRICAL ACCESSORIES

FITTINGS
SWITCH PLATES
FLUORESCENT
FIXTURE FITTINGS

### BUILDING ITEMS

CONCRETE INSERTS
PARTITIONS AND
DISPLAY FITTINGS

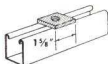


3a/2

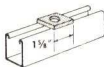
## flat plate fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

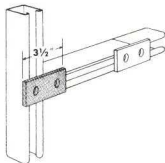
GENERAL DATA  
 hole size — 3/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 3/4"



	BOLT SIZE	HOLE SIZE	Wt. Lbs./C
P-1062	5/8"	11/2"	18
P-1063	3/4"	3/2"	18
P-1064	3/4"	8/4"	17
P-1964	5/8"	11/2"	16
P-2471	3/4"	13/8"	15



## P-1062 thru P-1064



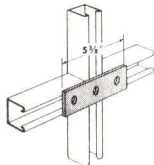
P-1062	1000 lbs.
P-1100	800 lbs.
P-2000	600 lbs.



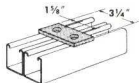
Wt. Lbs./C 38

Wt. Lbs./C 56

## P-1964 &amp; P-2471



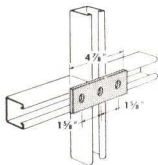
## P-1065



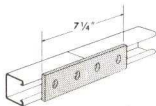
Wt. Lbs./C 35

Wt. Lbs./C 50

## P-1066



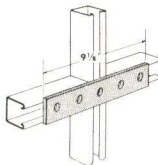
## P-1924



Wt. Lbs./C 78

Wt. Lbs./C 94

## P-1925



## P-1067

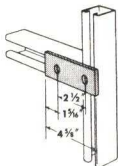
## P-1941

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 — 1 7/8" on center  
 width — 1 5/8"  
 thickness — 1/4"

# flat plate fittings

3a/3

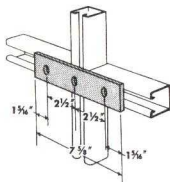
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



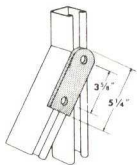
Wt. Lbs./C 50

Wt. Lbs./C 81

P-1619



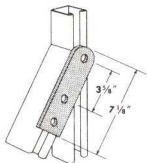
P-1620



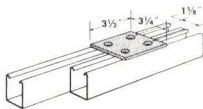
Wt. Lbs./C 55

Wt. Lbs./C 75

P-2325



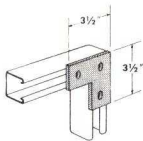
P-2324



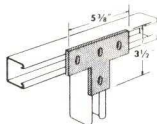
Wt. Lbs./C 73

Wt. Lbs./C 58

P-2079



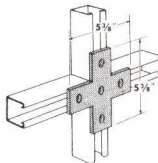
P-1036



Wt. Lbs./C 80

Wt. Lbs./C 105

P-1031



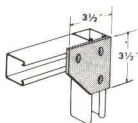
P-1028

3a/4

# flat plate fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

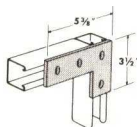
GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 1 1/2" from end  
width — 1 5/8" on center  
thickness — 1/4"



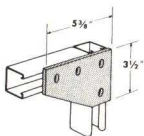
Wt. Lbs./C 70

Wt. Lbs./C 80

P-1334



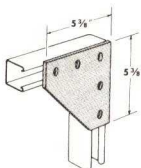
P-1380A



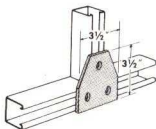
Wt. Lbs./C 105

Wt. Lbs./C 150

P-1380



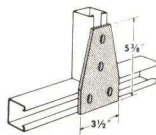
P-1873



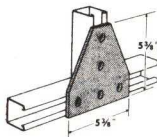
Wt. Lbs./C 70

Wt. Lbs./C 105

P-1356



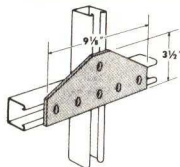
P-1358



Wt. Lbs./C 148

Wt. Lbs./C 176

P-1726



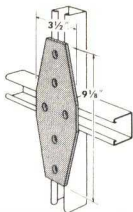
P-1953

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 1 7/8" on center  
 width — 1 5/8"  
 thickness — 1/4"

# flat plate fittings

3a/5

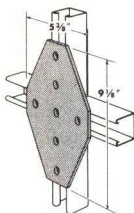
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



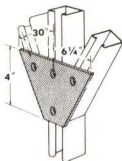
Wt. Lbs./C 167

Wt. Lbs./C 240

P-1992



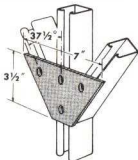
P-1950



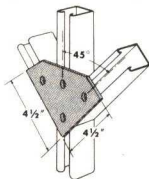
Wt. Lbs./C 108

Wt. Lbs./C 100

P-2218



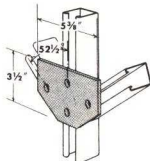
P-2219



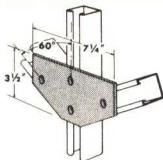
Wt. Lbs./C 110

Wt. Lbs./C 112

P-1962



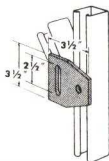
P-2220



Wt. Lbs./C 143

Wt. Lbs./C 66

P-2221



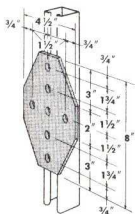
P-1979

3a/6

## flat plate fittings

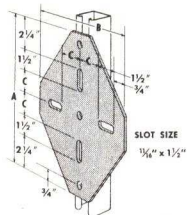
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-5/8" on center  
 thickness — 3/4"



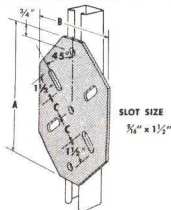
	A	B	C	Wt. lbs./C
P-1799	10 1/2"	7 1/2"	1 1/2"	364
P-1800	13"	10"	2 3/4"	578

Wt. Lbs./C 190



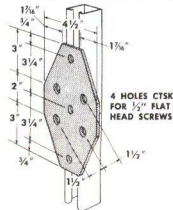
## P-1797

## P-1799 &amp; P-1800



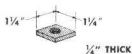
	A	B	C	Wt. lbs./C
P-1801	9"	6"	1 1/2"	288
P-1802	11"	8"	2 3/4"	488

Wt. Lbs./C 190



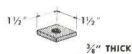
## P-1801 &amp; P-1802

## P-1798



	TAP SIZE	Wt. lbs./C
P-1935	3/8"-16 Pipe Thd.	9
P-1936	1/2"-14 Pipe Thd.	9

	U.S. STD. THD. SIZE	Wt. lbs./C
P-1959	3/4"-16	23
P-1960	1/2"-13	22
P-1961	3/8"-11	21



## P-1935 &amp; P-1936

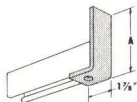
## P-1959 thru P-1961



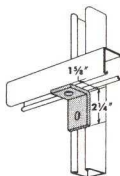
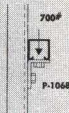
GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 1 1/8" from end  
width — 1 5/8"  
thickness — 1/4"

# ninety degree angle fittings 3b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



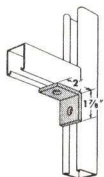
	A	Wt. Lbs./C
P-1538A	3 3/4"	61
P-1538B	5 7/8"	84
P-1538C	7 1/4"	107
P-1538D	9 1/4"	130



Wt. Lbs./C 38

P-1538A thru P-1538D

P-1068



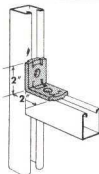
P-1000	1500 #
P-1100	1000 #
P-2000	750 #

P-1026

P-1000	1500 #
P-1100	1000 #
P-2000	750 #

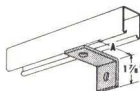
Wt. Lbs./C  
38

Wt. Lbs./C  
40



P-1026

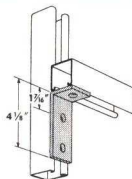
P-2626



	A	Wt. Lbs./C
P-1281	3"	49
P-1282	3 3/4"	54
P-1283	4"	61

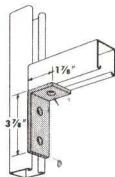
When uprights are alternated as in bar stock rack design a load of 2500# may be used.

Wt. Lbs./C 58



P-1281 thru P-1283

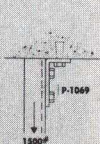
P-1326



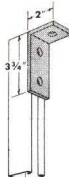
P-1000	2000 lbs.
P-1100	1500 lbs.
P-2000	900 lbs.

P-1346

Wt. Lbs./C 58



Wt. Lbs./C 58



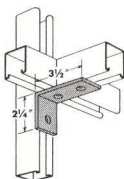
P-1346

P-1069

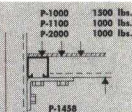
# 3b/2 ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-5/8" on center  
thickness — 1/4"

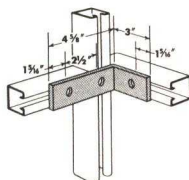


P-1458

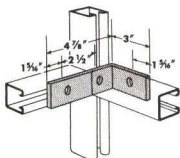


Wt. Lbs./C 58

Wt. Lbs./C 81



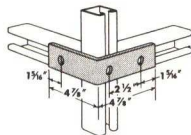
P-1624



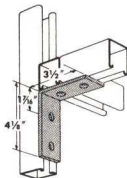
P-1623

Wt. Lbs./C 82

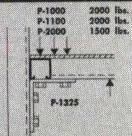
Wt. Lbs./C 99



P-1630

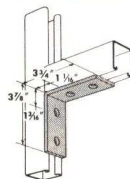


P-1325

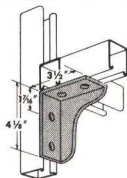


Wt. Lbs./C 78

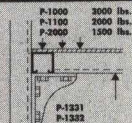
Wt. Lbs./C 78



P-1070

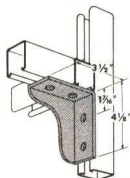


P-1331



Wt. Lbs./C 120

Wt. Lbs./C 120

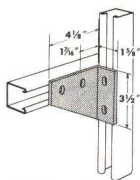
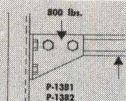
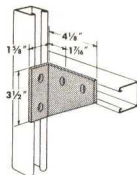


P-1332

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
                    1-7/8" on center  
width — 1-5/8"  
thickness — 1/4"

# ninety degree angle fittings 3b/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

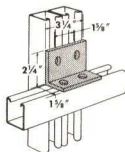


Wt. Lbs./C 105

Wt. Lbs./C 105

**P-1381**

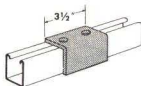
**P-1382**



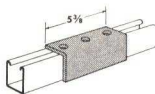
Wt. Lbs./C 75

Wt. Lbs./C 78

**P-1934**



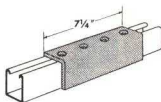
**P-2087**



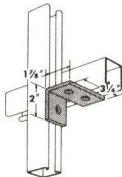
Wt. Lbs./C 123

Wt. Lbs./C 169

**P-2088**



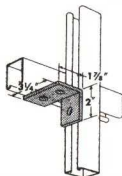
**P-2071**



Wt. Lbs./C 55

Wt. Lbs./C 55

**P-1822**

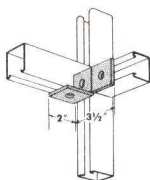


**P-1823**

# 3b/4 ninety degree angle fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

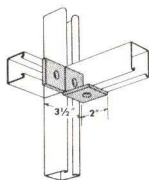
**GENERAL DATA**  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



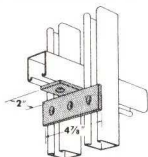
Wt. Lbs./C 58

Wt. Lbs./C 58

**P-1038**



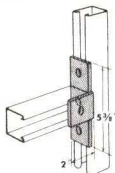
**P-1037**



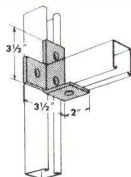
Wt. Lbs./C 71

Wt. Lbs./C 80

**P-1821**



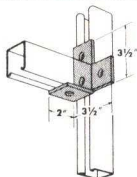
**P-1033**



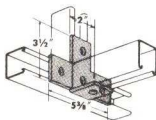
Wt. Lbs./C 80

Wt. Lbs./C 80

**P-1034**



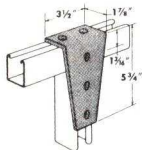
**P-1035**



Wt. Lbs./C 105

Wt. Lbs./C 136

**P-1029**



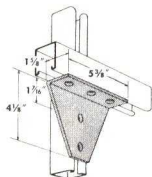
**P-1958**

GENERAL DATA  
hole size —  $\frac{3}{16}$ " diameter  
hole spacing —  $\frac{13}{16}$ " from end  
width —  $\frac{17}{8}$ " on center  
thickness —  $\frac{1}{4}$ "

# ninety degree angle fittings

3b/5

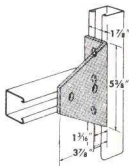
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



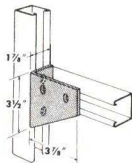
Wt. Lbs./C 154

Wt. Lbs./C 154

P-1728



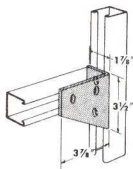
P-1727



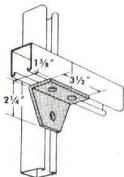
Wt. Lbs./C 101

Wt. Lbs./C 101

P-1291



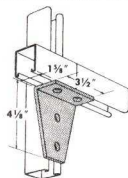
P-1290



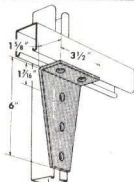
Wt. Lbs./C 70

Wt. Lbs./C 105

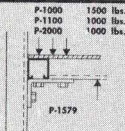
P-1357



P-1359

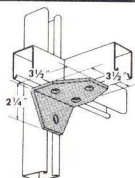


P-1945



Wt. Lbs./C 136

Wt. Lbs./C 103



P-1579

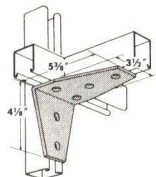
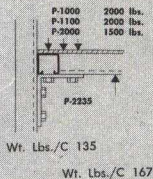
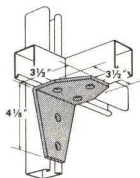


# 3b/6

# ninety degree angle fittings

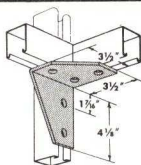
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"



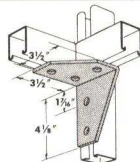
**P-2235**

**P-1993**



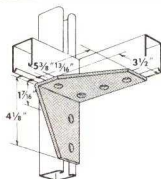
Wt. Lbs./C 135

Wt. Lbs./C 135



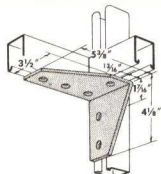
**P-1917**

**P-1918**



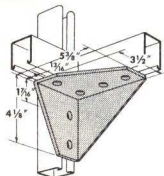
Wt. Lbs./C 170

Wt. Lbs./C 170



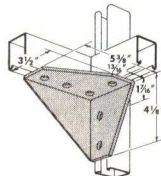
**P-1955**

**P-1954**



Wt. Lbs./C 230

Wt. Lbs./C 230



**P-1957**

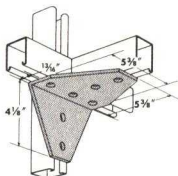
**P-1956**

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 1 1/8" from end  
 width — 1 5/8" on center  
 thickness — 1/4"

# ninety degree angle fittings

3b/7

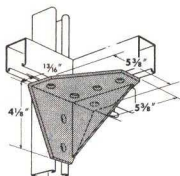
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



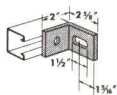
Wt. Lbs./C 240

Wt. Lbs./C 289

P-1951



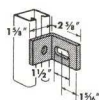
P-1952



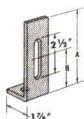
Wt. Lbs./C 43

Wt. Lbs./C 38

P-1749

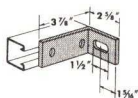


P-1750



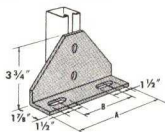
	A	B	Wt. Lbs./C
P-1498	4 1/2"	2 1/2"	65
P-1499	6 3/4"	4 1/2"	85

Wt. Lbs./C 66



P-1498 & P-1499

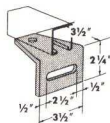
P-1747



	A	B	Wt. Lbs./C
P-1130	6 3/4"	4"	190
P-1131	8 3/4"	6"	242

Wt. Lbs./C 97

P-1130 & P-1131



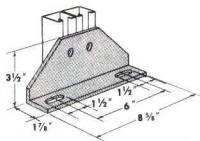
P-1713

3b/8

# ninety degree angle fittings

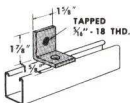
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/8"



Wt. Lbs./C 245

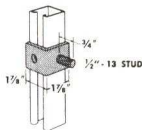
P-1355



Wt. Lbs./C 34

Wt. Lbs./C 45

P-1723



P-1315

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
                    1 7/8" on center  
width — 1 5/8"  
thickness — 1/4"

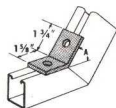
# angular fittings

3c/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

	A	A
P-2121	82½°	P-2127 37½°
P-2122	75°	P-2128 30°
P-2123	67½°	P-2129 22½°
P-2124	60°	P-2130 15°
P-2125	52½°	P-2131 7½°
P-2126	45°	

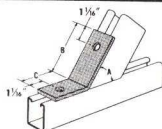
Wt. Lbs./C 38



P-2121 thru P-2131

	A	B	C		A	B	C
P-2094	82½°	3¼"	1¼"	P-2099	37½°	3½"	1¾"
P-2095	75°	3¼"	1¼"	P-2100	37½°	2¾"	2½"
P-2096	67½°	3¼"	1¼"				
P-2097	60°	3¼"	1¼"				
P-2098	52½°	3¼"	2¼"				
P-1546	45°	3"	2¼"				

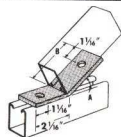
Wt. Lbs./C 58



P-2094 thru P-2100

	A	B
P-2101	30°	3¼"
P-2102	22½°	3¼"
P-2103	15°	3¼"
P-2104	7½°	3¼"

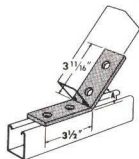
Wt. Lbs./C 58



P-2101 thru P-2104

	A	A
P-2260	7½°	P-2266 52½°
P-2261	15°	P-2267 60°
P-2262	22½°	P-2268 67½°
P-2263	30°	P-2269 75°
P-2264	37½°	P-2270 82½°
P-2265	45°	

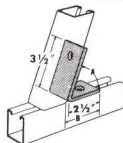
Wt. Lbs./C 78



P-2260 thru P-2270

	A	B		A	B
P-2105	82½°	2¾"	P-2109	52½°	2¾"
P-2106	75°	2¾"	P-1186	45°	3¼"
P-2107	67½°	2¾"	P-2110	37½°	3¼"
P-2108	60°	2¾"			

Wt. Lbs./C 58



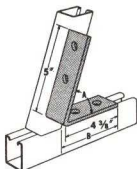
P-2105 thru P-2110

3c/2

## angular fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

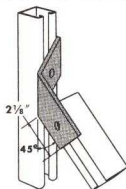
GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



	A	B
P-2271	82 1/2°	4 3/8"
P-2272	75°	4 1/2"
P-2273	67 1/2°	4 1/4"
P-2274	60°	4 3/8"
P-2275	52 1/2°	4 3/16"
P-2276	45°	4 3/16"
P-2277	37 1/2°	5 3/8"

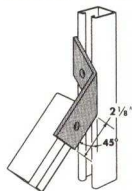
Wt. Lbs./C 100

P-2271 thru P-2277

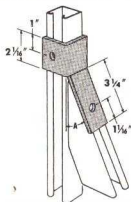


Wt. Lbs./C 54

P-1191



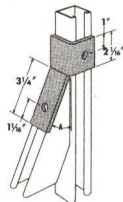
P-1192



	A	A
P-2281L	22 1/2°	P-2281R 22 1/2°
P-2282L	30°	P-2282R 30°
P-2283L	37 1/2°	P-2283R 37 1/2°
P-2284L	45°	P-2284R 45°
P-2285L	52 1/2°	P-2285R 52 1/2°
P-2286L	60°	P-2286R 60°

Wt. Lbs./C 88

P-2281L thru P-2286L



P-2281R thru P-2286R

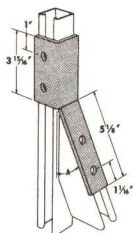


GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

# angular fittings

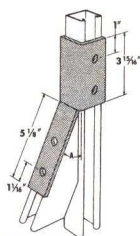
3c/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



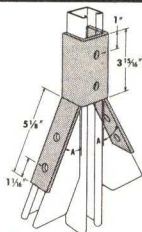
	A		A
P-2287L	22½°	P-2287R	22½°
P-2288L	30°	P-2288R	30°
P-2289L	37½°	P-2289R	37½°
P-2290L	45°	P-2290R	45°
P-2291L	52½°	P-2291R	52½°
P-2292L	60°	P-2292R	60°

Wt. Lbs./C 150



P-2287L thru P-2292L

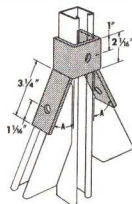
P-2287R thru P-2292R



	A		A
P-2299	22½°	P-2293	22½°
P-2300	30°	P-2294	30°
P-2301	37½°	P-2295	37½°
P-2302	45°	P-2296	45°
P-2303	52½°	P-2297	52½°
P-2304	60°	P-2298	60°

Wt. Lbs./C 240

Wt. Lbs./C 147



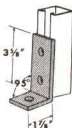
P-2299 thru P-2304

P-2293 thru P-2298

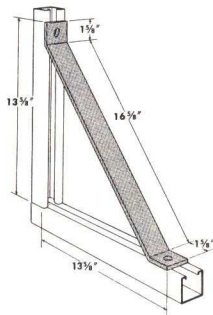


Wt. Lbs./C 98

P-1489



Wt. Lbs./C 227



Wt. Lbs./C 58

P-1488

P-2452

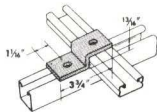


GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

# "Z" shape fittings

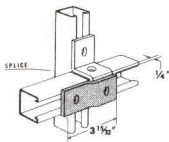
3d/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



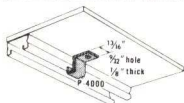
Wt. Lbs./C 47

Wt. Lbs./C 38



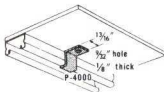
P-1454

P-4045



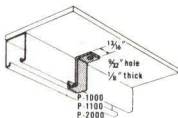
Wt. Lbs./C 6

Wt. Lbs./C 6



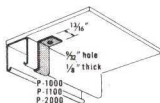
P-4120

P-4360



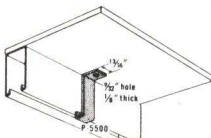
Wt. Lbs./C 9

Wt. Lbs./C 9



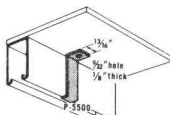
P-2120

P-2360



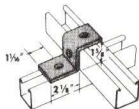
Wt. Lbs./C 11

Wt. Lbs./C 11



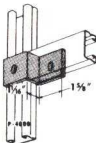
P-5520

P-5560



Wt. Lbs./C 55

Wt. Lbs./C 50



P-4347

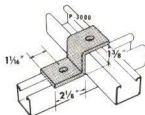
P-1045

3d/2

**"Z" shape fittings**

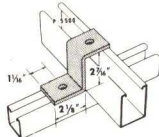
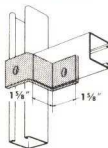
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**GENERAL DATA**  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



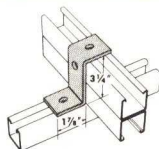
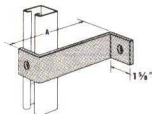
Wt. Lbs./C 53

Wt. Lbs./C 67

**P-3045****P-5545**

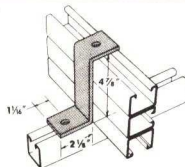
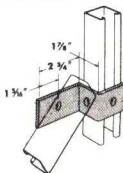
Wt. Lbs./C 55

Wt. Lbs./C 70

**P-1347****P-1453**

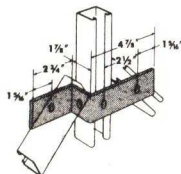
	A	Wt. Lbs./C
P-1479A	4"	81
P-1479B	5"	92
P-1479C	6"	104
P-1479D	7"	115
P-1479E	8"	127

Wt. Lbs./C 93

**P-1479A thru E****P-2469**

Wt. Lbs./C 66

Wt. Lbs./C 103

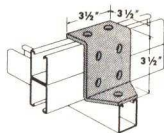
**P-1625****P-1626**

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 1 1/16" from end  
                    1 7/8" on center  
width — 1 5/8"  
thickness — 1/4"

# "Z" shape fittings

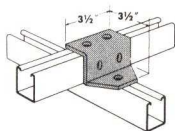
3d/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



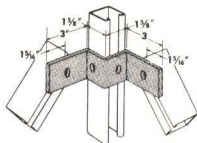
Wt. Lbs./C 143

Wt. Lbs./C 102



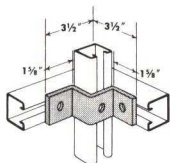
P-2330

P-2327



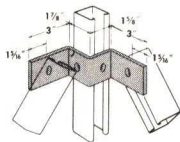
Wt. Lbs./C 93

Wt. Lbs./C 70



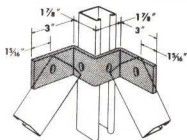
P-1627

P-1736



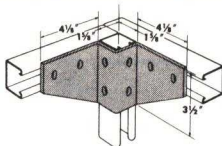
Wt. Lbs./C 99

Wt. Lbs./C 96



P-1628

P-1629



Wt. Lbs./C 215

P-2222

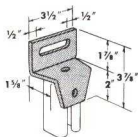


# 3d/4

# "Z" shape fittings

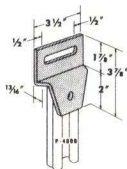
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"



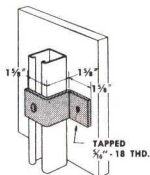
Wt. Lbs./C 93

Wt. Lbs./C 83



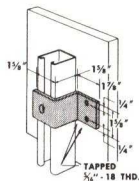
**P-1480**

**P-4480**



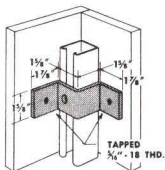
Wt. Lbs./C 54

Wt. Lbs./C 54



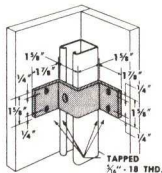
**P-1730**

**P-1731**



Wt. Lbs./C 70

Wt. Lbs./C 70



**P-1734**

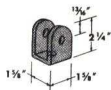
**P-1735**

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

# "U" shape fittings

3e/1

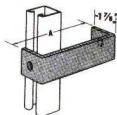
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



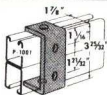
P-1973

Wt. Lbs./C 53

	A	Wt. Lbs./C
P-1363A	4"	78
P-1363B	5"	89
P-1363C	6"	101
P-1363D	7"	112
P-1363E	8"	124



P-1363A thru E



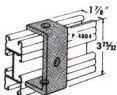
P-1044

Wt. Lbs./C 70

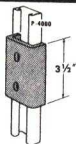
P-1044



Wt. Lbs./C 74  
700°



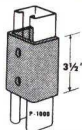
P-4044



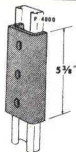
P-4376

Wt. Lbs./C 85

Wt. Lbs./C 128



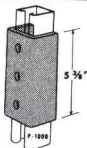
P-1376



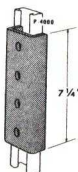
P-4376A

Wt. Lbs./C 130

Wt. Lbs./C 197



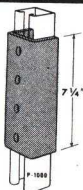
P-1376A



P-4377

Wt. Lbs./C 176

Wt. Lbs./C 265



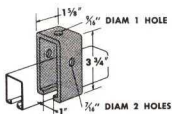
P-1377

3e/ 2

# "U" shape fittings

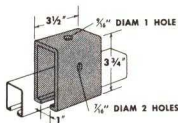
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-5/8"  
thickness — 1/4"



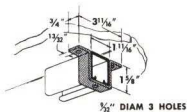
Wt. Lbs./C 102

Wt. Lbs./C 220



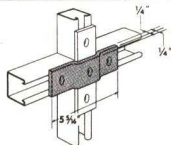
P-1834

P-1834A



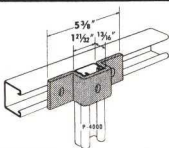
Wt. Lbs./C 18

Wt. Lbs./C 58



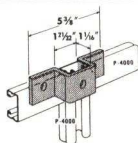
P-2237

P-1455



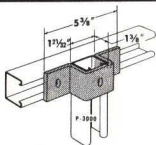
Wt. Lbs./C 71

Wt. Lbs./C 77



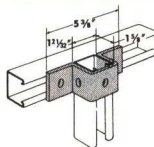
P-4047

P-4383



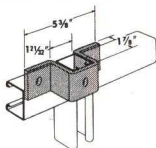
Wt. Lbs./C 84

Wt. Lbs./C 88



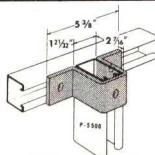
P-3047

P-1047



Wt. Lbs./C 95

Wt. Lbs./C 108



P-1383

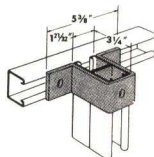
P-5547

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

# "U" shape fittings

3e/3

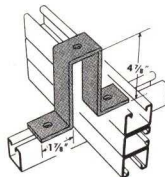
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



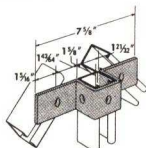
Wt. Lbs./C 128

Wt. Lbs./C 197

P-1737



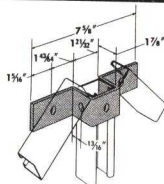
P-2473



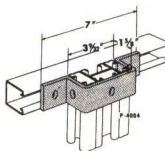
Wt. Lbs./C 115

Wt. Lbs./C 120

P-1631



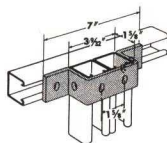
P-1632



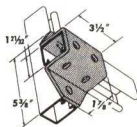
Wt. Lbs./C 106

Wt. Lbs./C 105

P-4043



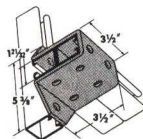
P-1043A



Wt. Lbs./C 171

Wt. Lbs./C 257

P-2326



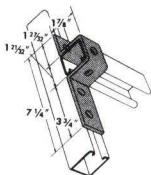
P-2329

3e/4

**"U" shape fittings**

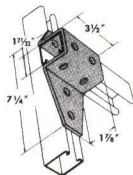
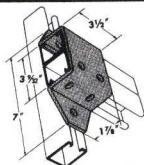
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 1-7/8" on center  
 width — 1-5/8"  
 thickness — 1/4"



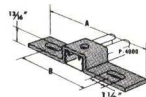
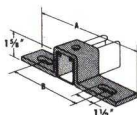
Wt. Lbs./C 107

Wt. Lbs./C 198

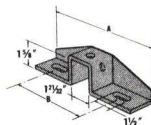
**P-2331****P-2332**

Wt. Lbs./C 209

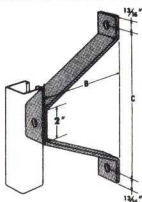
	A	B	Wt. Lbs./C
P-4048	7 1/4"	4 1/4"	90
P-4049	8 1/4"	5 1/4"	102
P-4050	10 1/4"	7 1/4"	124

**P-2328****P-4048 thru P-4050**

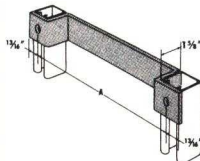
	A	B	Wt. Lbs./C
P-1048	7 1/4"	4 1/4"	105
P-1049	8 1/4"	5 1/4"	120
P-1050	10 1/4"	7 1/4"	130



	A	B	Wt. Lbs./C
P-1055	7 1/4"	4 1/4"	143
P-1056	8 1/4"	5 1/4"	170
P-1057	10 1/4"	7 1/4"	195

**P-1048 thru P-1050****P-1055 thru P-1057**

	B	C	Wt. Lbs./C
P-1204	2 3/4"	6"	113
P-1205	4 1/4"	8"	164
P-1206	6 1/4"	10"	216
P-1207	8 1/4"	12"	267
P-1208	10 1/4"	14"	318



	A	Wt. Lbs./C
P-1201	12"	186
P-1202	15"	221
P-1203	18"	254

**P-1204 thru P-1208****P-1201 thru P-1203**

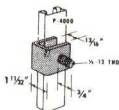


GENERAL DATA  
hole size —  $9/16"$  diameter  
hole spacing —  $13/16"$  from end  
width —  $1-7/8"$  on center  
thickness —  $1/4"$

# "U" shape fittings

3e/5

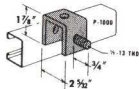
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



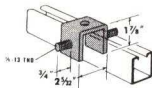
Wt. Lbs./C 59

Wt. Lbs./C 63

P-4320



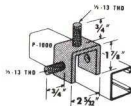
P-1320



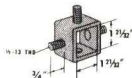
Wt. Lbs./C 65

Wt. Lbs./C 65

P-1317



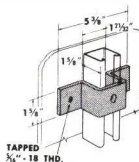
P-1319



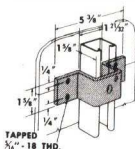
Wt. Lbs./C 95

Wt. Lbs./C 88

P-1321



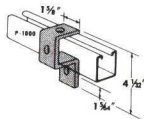
P-1732



Wt. Lbs./C 88

Wt. Lbs./C 76

P-1733



P-1046A

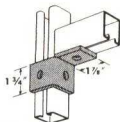


GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8" on center  
 thickness — 1/4"

# wing shape fittings

3f/1

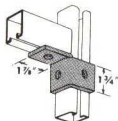
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



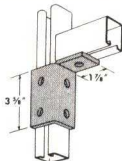
Wt. Lbs./C 60

Wt. Lbs./C 60

P-2341R



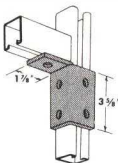
P-2341L



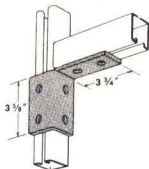
Wt. Lbs./C 114

Wt. Lbs./C 114

P-2342R



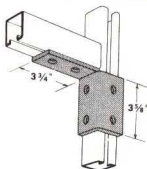
P-2342L



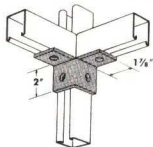
Wt. Lbs./C 119

Wt. Lbs./C 119

P-2343R



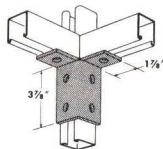
P-2343L



Wt. Lbs./C 76

Wt. Lbs./C 115

P-2223



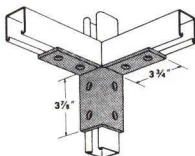
P-2224

# 3f/2

# wing shape fittings

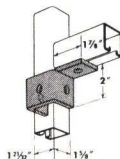
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-5/8"  
thickness — 1/4"



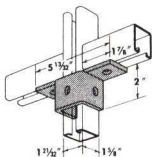
Wt. Lbs./C 155

Wt. Lbs./C 75



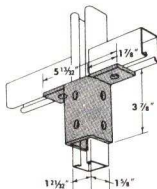
**P-2225**

**P-2472**



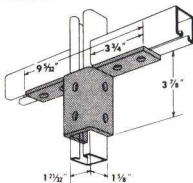
Wt. Lbs./C 93

Wt. Lbs./C 150



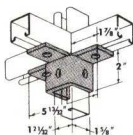
**P-2345**

**P-2346**



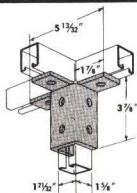
Wt. Lbs./C 193

Wt. Lbs./C 113



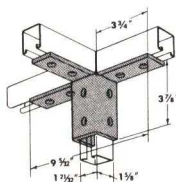
**P-2347**

**P-2227**



Wt. Lbs./C 177

Wt. Lbs./C 230



**P-2228**

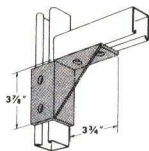
**P-2229**

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 — 1 7/8" on center  
 width — 1 5/8"  
 thickness — 1/4"

# wing shape fittings

3f/3

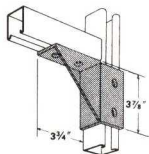
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



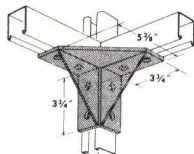
Wt. Lbs./C 176

Wt. Lbs./C 176

P-2344R



P-2344L

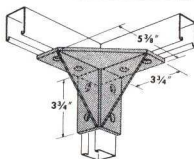


FITTING NOTCHED FOR  
CONTINUOUS VERTICAL

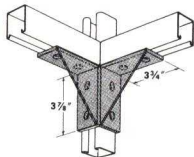
Wt. Lbs./C 315

Wt. Lbs./C 337

P-2245



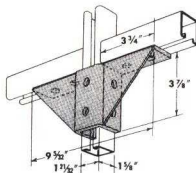
P-2245A



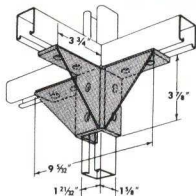
Wt. Lbs./C 217

Wt. Lbs./C 274

P-2226



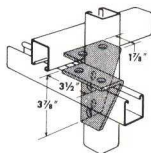
P-2348



Wt. Lbs./C 310

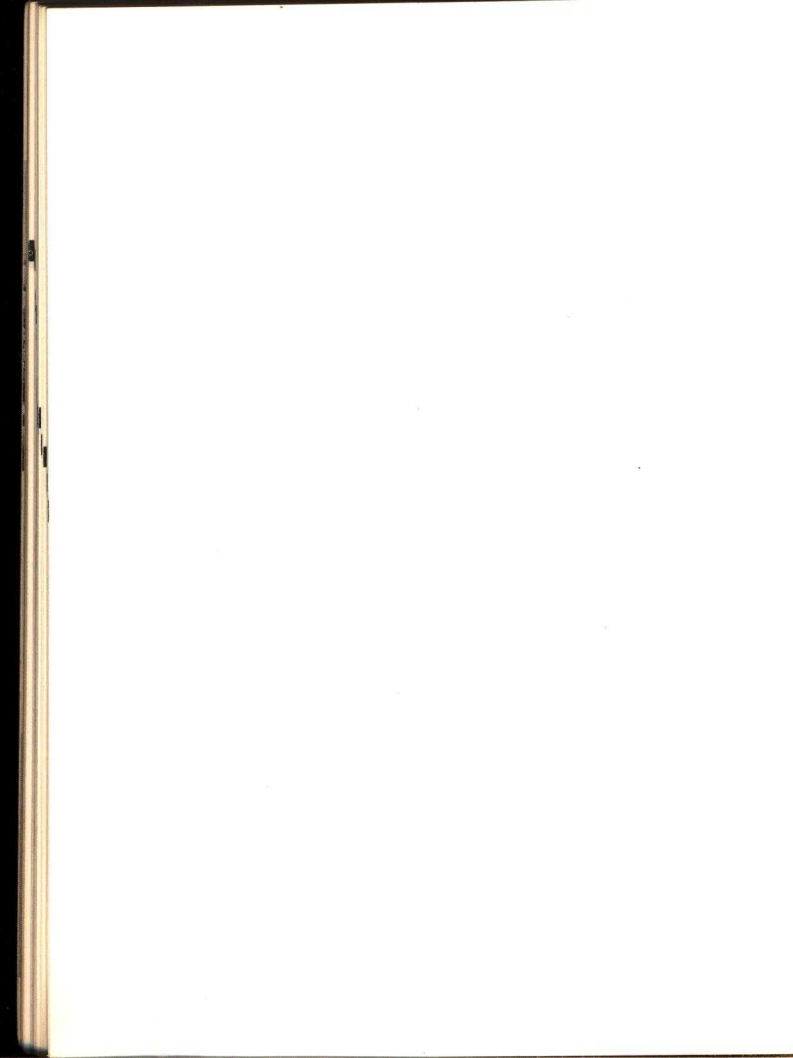
Wt. Lbs./C 211

P-2230



P-2084



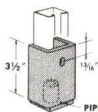


GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1-5/8" on center  
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## post bases

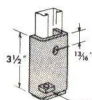
3g/1



PIPE COUPLING  
SIZE A

COUPLING SIZE	Wt. Lbs./C
P-1540A	3/4" 167
P-1540B	1/2" 169
P-1540C	3/4" 171

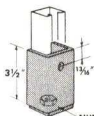
A	Wt. Lbs./C
P-4543A	3/4" 111
P-4543B	3/4" 111



NUT SIZE A

### P-1540A thru P-1540C

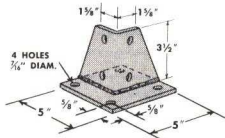
### P-4543A & P-4543B



NUT SIZE A

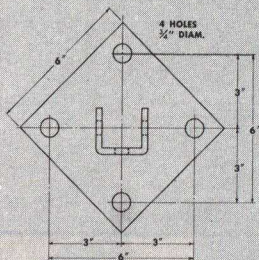
A	Wt. Lbs./C
P-1543A	3/4" 153
P-1543B	3/4" 155
P-1543C	1/4" 158
P-1543D	3/4" 161
P-1543E	3/4" 164

Wt. Lbs./C 297

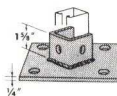


### P-1543A thru P-1543E

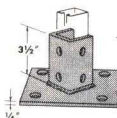
### P-1887



P-2072A	373
P-2072	307



### P-2072



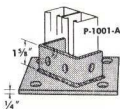
### P-2072A

# 3g/2

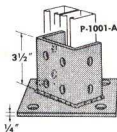
## post bases

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

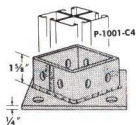
**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"



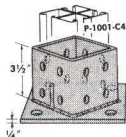
**P-2073**



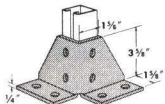
**P-2073A**



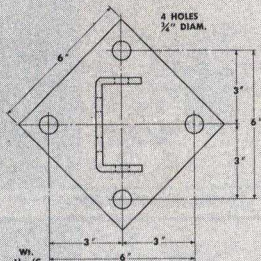
**P-2076**



**P-2076A**

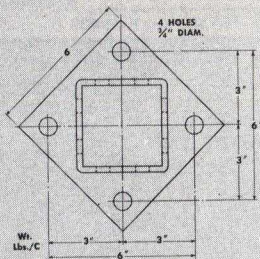


**P-2084**



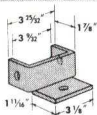
**P-2073**  
**P-2073A**

Wt.  
Lbs./C  
325  
408



**P-2076**  
**P-2076A**

Wt.  
Lbs./C  
400  
567



**P-2453**

Wt. Lbs./C 211

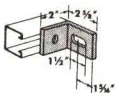
Wt. Lbs./C 116

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
— 1-7/8" on center  
width — 1-5/8"  
thickness — 1/4"

# slotted fittings

3h/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



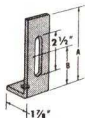
Wt. Lbs./C 43

Wt. Lbs./C 38



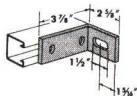
P-1749

P-1750



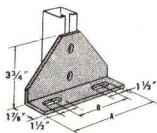
	A	B	Wt. Lbs./C
P-1498	4 1/2"	2 1/2"	65
P-1499	6 1/2"	4 1/2"	85

Wt. Lbs./C 66



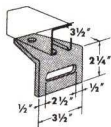
P-1498 & P-1499

P-1747



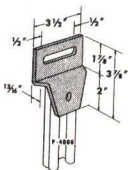
	A	B	Wt. Lbs./C
P-1130	6 1/2"	4"	190
P-1131	8 1/2"	6"	242

Wt. Lbs./C 97



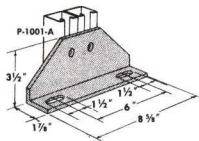
P-1130 & P-1131

P-1713



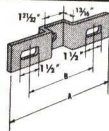
Wt. Lbs./C 83

Wt. Lbs./C 245



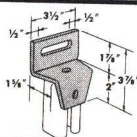
P-4480

P-1355



	A	B	Wt. Lbs./C
P-4048	7 1/2"	4 1/4"	90
P-4049	8 1/2"	5 1/4"	102
P-4050	10 1/4"	7 1/4"	124

Wt. Lbs./C 93



P-4048 thru P-4050

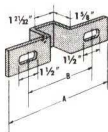
P-1480

3h/2

## slotted fittings

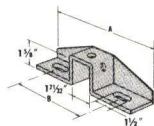
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



	A	B	Wt. lbs./C
P-1048	7 1/4"	4 3/4"	105
P-1049	8 1/2"	5 3/4"	120
P-1050	10 3/4"	7 1/4"	130

	A	B	Wt. lbs./C
P-1055	7 1/4"	4 3/4"	143
P-1056	8 1/2"	5 3/4"	170
P-1057	10 3/4"	7 1/4"	195



P-1048 thru P-1050

P-1055 thru P-1057

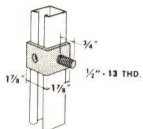


GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8" on center  
 thickness — 1/4"

# stud fittings

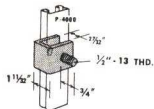
3i/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



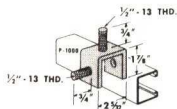
Wt. Lbs./C 45

Wt. Lbs./C 59



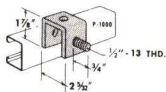
P-1315

P-4320



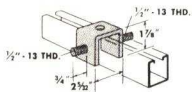
Wt. Lbs./C 65

Wt. Lbs./C 63



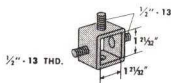
P-1319

P-1320



Wt. Lbs./C 65

Wt. Lbs./C 95



P-1317

P-1321



**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
                  1 7/8" on center  
width — 1 5/8"  
thickness — 1/4"

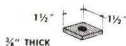
# tapped fittings

3j/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

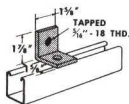


**P-1935 & P-1936**

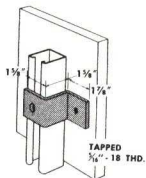


**P-1959 thru P-1961**

TAP SIZE	Wt. Lbs./C
P-1935 3/4"-18 Pipe Thd. 9	
P-1936 1/2"-14 Pipe Thd. 9	
U.S. STD. THD. SIZE	Wt. Lbs./C
P-1959 3/4"-16	23
P-1960 1/2"-13	22
P-1961 3/4"-11	21
	Wt. Lbs./C 34



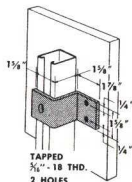
**P-1723**



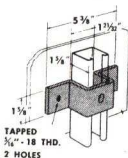
Wt. Lbs./C 54

Wt. Lbs./C 54

**P-1730**



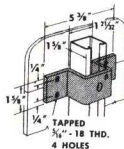
**P-1731**



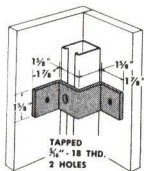
Wt. Lbs./C 88

Wt. Lbs./C 88

**P-1732**



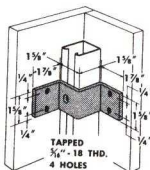
**P-1733**



Wt. Lbs./C 70

Wt. Lbs./C 70

**P-1734**



**P-1735**

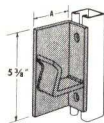


**GENERAL DATA**  
 hole size — 9/16" diameter  
 hole spacing — 1 1/2" from end  
 width — 1 5/8"  
 thickness — 1/4"

# special application fittings

3k/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



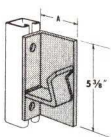
P-1000 3000#  
 P-1100 2000#  
 P-2000 2000#



P-2354R & L  
 P-2355R & L

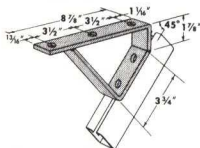
## PIPE AXLE SUPPORT

	A	STD. PIPE SIZE	Wt. Lbs./C
P-2354L	3"	1 1/4"	220
P-2354R	3"	1 1/4"	220
P-2355L	3 1/2"	2"	252
P-2355R	3 1/2"	2"	252



## P-2354L & P-2355L

### 45° STAIR TREAD SUPPORT

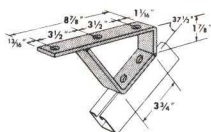


Wt. Lbs./C 220

Wt. Lbs./C 213

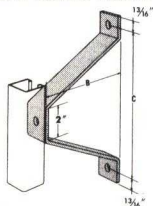
## P-2354R & P-2355R

### 37 1/2° STAIR TREAD SUPPORT



## P-1944

### WALL LADDER BRACKET

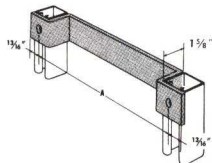


	B	C	Wt. Lbs./C
P-1204	2 1/4"	6"	113
P-1205	4 3/4"	8"	164
P-1206	6 3/4"	10"	216
P-1207	8 3/4"	12"	267
P-1208	10 3/4"	14"	318

	A	Wt. Lbs./C
P-1201	12"	186
P-1202	15"	221
P-1203	18"	254

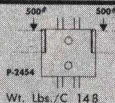
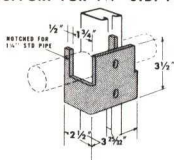
## P-2655

### LADDER RUNG



## P-1204 thru P-1208

### LIGHT WEIGHT AXLE SUPPORT FOR 1 1/4" STD. PIPE

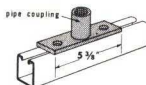


Wt. Lbs./C 148

	PIPE COUPLING SIZE	Wt. Lbs./C
P-2470-50	1/2"	77
P-2470-75	3/4"	93
P-2470-100	1"	103

## P-1201 thru P-1203

### PIPE COUPLING FITTING



## P-2454

## P-2470-50, -75, & -100

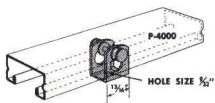


3k/2

# special application fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

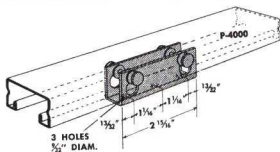
GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-5/8" on center  
thickness — 3/4"



DESIGN LOAD  
APPROX. 25 #

Wt. Lbs./C 10

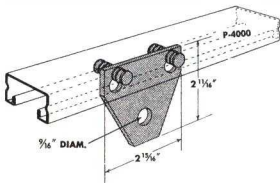
P-4349A



DESIGN LOAD  
APPROX. 50 #

Wt. Lbs./C 29

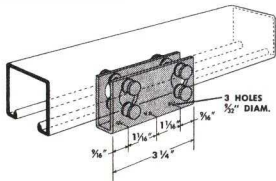
P-4350A



DESIGN LOAD  
APPROX. 50 #

Wt. Lbs./C 38

P-4350B



DESIGN LOAD  
APPROX. 50 #

Wt. Lbs./C 49

P-4351A

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1-5/8"  
thickness — 1/4"

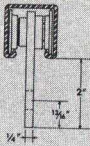
# special application fittings

3k/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

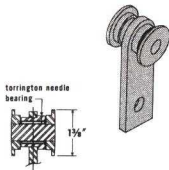


DESIGN LOAD  
APPROX. 300#



Wt. Lbs./C 65

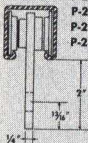
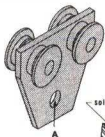
Wt. Lbs./C 59



P-2349

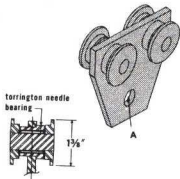
TROLLEY ASSEMBLY

P-2349A



	A	Wt. Lbs./C
P-2350	5/8"	108
P-2350A	5/8"	101
P-2351	1 1/8"	108
P-2351A	1 1/8"	101

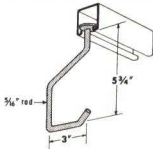
DESIGN LOAD  
APPROX. 600#



P-2350 & P-2351

TROLLEY ASSEMBLY

P-2350A & P-2351A

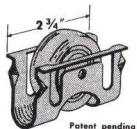


FENDER HOOK

Wt. Lbs./C 29



Wt. Lbs./C 36



Patent pending

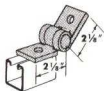
SINGLE CONVEYOR  
ROLLER ASSEMBLY

P-2353

P-2480

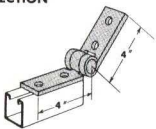
ADJUSTABLE HINGE CONNECTION

SPRING CLIP CARD HOLDER



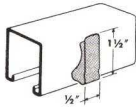
Wt. Lbs./C 68

P-1843



Wt. Lbs./C 109

P-1354



Wt. Lbs./C 7

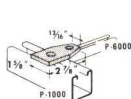
P-2236

# 3k/4

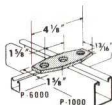
# special application fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

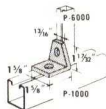
## ADAPTER FITTINGS FOR P-6000 AND P-7000 TO P-1000 SERIES



ALL HOLE SIZES  $\frac{5}{32}$ "



ALL HOLE SIZES  $\frac{5}{32}$ "



ALL HOLE SIZES  $\frac{5}{32}$ "

Wt. Lbs./C 21

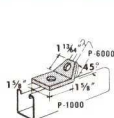
Wt. Lbs./C 29

Wt. Lbs./C 21

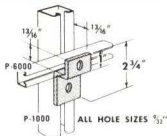
**P-46065**

**P-46066**

**P-46026**



ALL HOLE SIZES  $\frac{5}{32}$ "



ALL HOLE SIZES  $\frac{5}{32}$ "

Wt. Lbs./C 21

Wt. Lbs./C 31

**P-46072**

**P-46045**

# channel end caps

31/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



FOR P-4000 CHANNEL

P-4280

Wt. Lbs./C 5

Wt. Lbs./C 11



FOR P-1000 CHANNEL

P-1280



FOR P-1100 CHANNEL

P-1180

Wt. Lbs./C 12

Wt. Lbs./C 11



FOR P-2000 CHANNEL

P-2280



FOR P-5500 CHANNEL

P-5580

Wt. Lbs./C 17

Wt. Lbs./C 8



FOR P-3000 CHANNEL

P-3280



FOR P-1000 CHANNEL

P-2407

Wt. Lbs./C 10

Wt. Lbs./C 11



FOR P-1000 CHANNEL

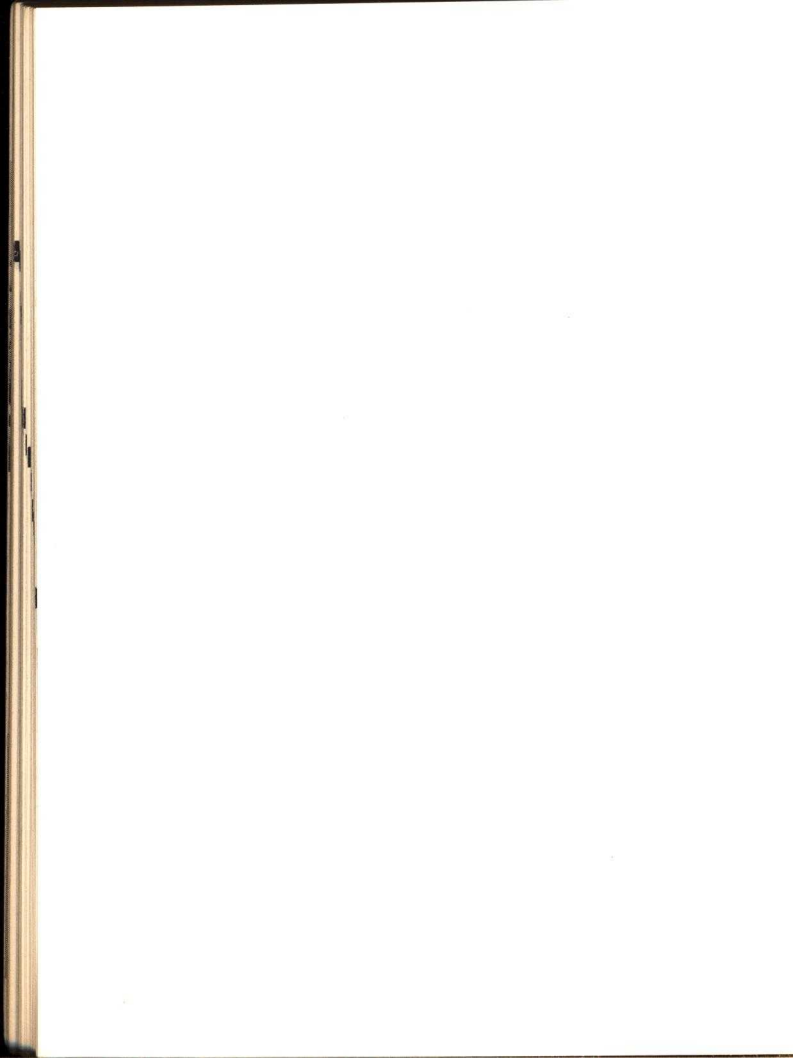
P-1280-A



FOR P-2000 CHANNEL

P-2280-A

Wt. Lbs./C 11



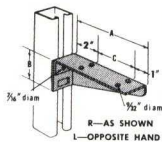


**GENERAL DATA**  
hole size — 5/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

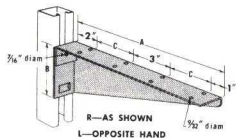
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**brackets**

**3m/1**

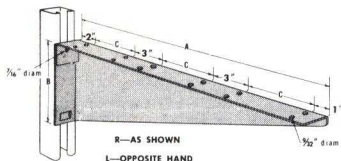


	A	B	C	Wt. Lbs./C
P-2491R-L	6"	1 3/4"	3"	67
P-2492R-L	8"	2 1/4"	5"	92
P-2493R-L	10"	2 3/4"	7"	120
P-2494R-L	12"	3 1/4"	3"	152
P-2495R-L	14"	3 3/4"	4"	173
P-2496R-L	16"	4 1/4"	5"	223
P-2497R-L	18"	4 3/4"	6"	266
P-2498R-L	20"	5 1/4"	7"	308
P-2499R-L	22"	5 3/4"	8"	355



**P-2491R-L thru P-2493R-L**

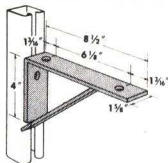
**P-2494R-L thru P-2499R-L**



	A	B	C	Wt. Lbs./C
P-2500R-L	24"	6 3/4"	5"	400
P-2501R-L	26"	6 1/4"	5 1/2"	445
P-2502R-L	28"	7 3/4"	6 1/4"	493
P-2503R-L	30"	7 1/4"	7"	545

**DESIGN UNIFORM LOAD ON BRACKETS**  
P-2491R-L thru P-2503R-L  
P-1000 300#  
P-1100 250#  
P-2000 200#

**P-2500R-L thru P-2503R-L**

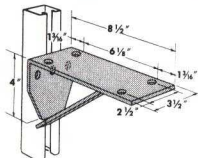


**DESIGN UNIFORM LOAD**

P-1000	800#
P-1100	600#
P-2000	400#

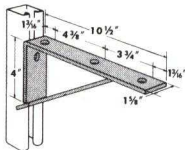
Wt. Lbs./C 174

Wt. Lbs./C 295



**P-1769**

**P-1770**

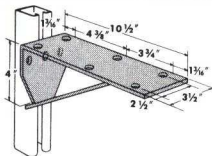


**DESIGN UNIFORM LOAD**

P-1000	800#
P-1100	600#
P-2000	400#

Wt. Lbs./C 206

Wt. Lbs./C 361



**P-1771**

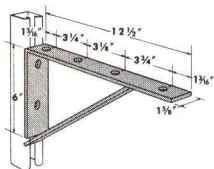
**P-1772**

# 3m/2

# brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

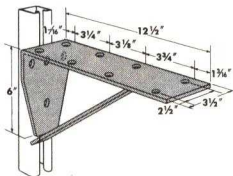


## DESIGN UNIFORM LOAD

P-1000	900#
P-1100	800#
P-2000	450#

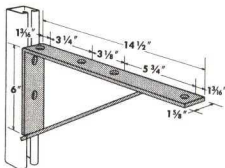
Wt. Lbs./C 264

Wt. Lbs./C 443



P-1773

P-1774

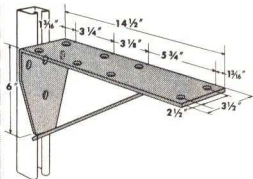


## DESIGN UNIFORM LOAD

P-1000	900#
P-1100	800#
P-2000	450#

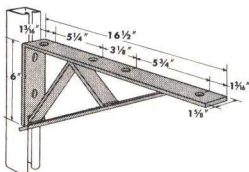
Wt. Lbs./C 295

Wt. Lbs./C 500



P-1775

P-1776

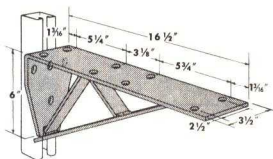


Wt. Lbs./C 385

## DESIGN UNIFORM LOAD

P-1000	1200#
P-1100	900#
P-2000	600#

Wt. Lbs./C 617



P-1777

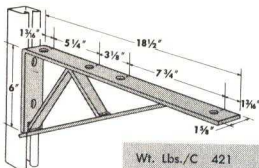
P-1778

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

# brackets

3m/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

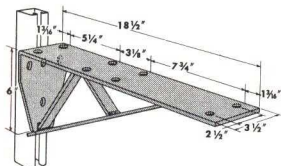


Wt. Lbs./C 421

## DESIGN UNIFORM LOAD

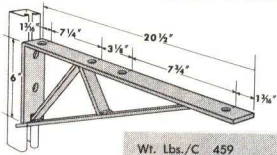
P-1000	1200#
P-1100	900#
P-2000	600#

P-1779



Wt. Lbs./C 680

P-1780

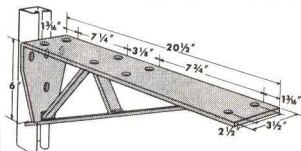


Wt. Lbs./C 459

## DESIGN UNIFORM LOAD

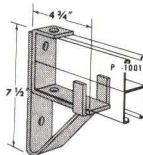
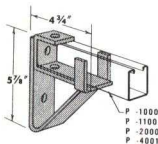
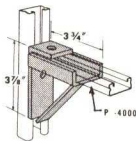
P-1000	1000#
P-1100	800#
P-2000	500#

P-1781



Wt. Lbs./C 744

P-1782



Wt. Lbs./C 171

Wt. Lbs./C 229

Wt. Lbs./C 272

## DESIGN MOMENT (INCH-LBS.)\*

	P-1000	P-1100	P-2000
P-1075	6300	4400	3200
P-1593	13000	9100	6500
P-4075	2500	1850	1400

\*applies only to fittings and not to strength of Unistrut arm.

P-4075

P-1075

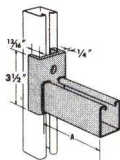
P-1593

3m/4

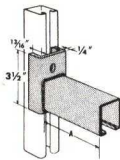
## brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-5/8"  
 thickness — 1/4"

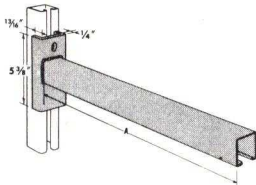
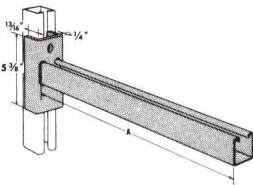


	A	Wt. Lbs./C	DESIGN UNIFORM LOAD		
			P-1000	P-1100	P-2000
P-2231	6"	191	1600#	1200#	800#
P-2232	12"	292	800#	600#	400#
P-2231A	6"	191	1600#	1200#	800#
P-2232A	12"	292	800#	600#	400#



P-2231 &amp; P-2232

P-2231A &amp; P-2232A

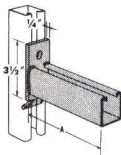


	A	Wt. Lbs./C	DESIGN UNIFORM LOAD		
			P-1000	P-1100	P-2000
P-2233	18"	436	600#	450#	300#
P-2234	24"	536	450#	330#	220#

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD		
			P-1000	P-1100	P-2000
P-2233A	18"	436	600#	450#	300#
P-2234A	24"	536	450#	330#	220#

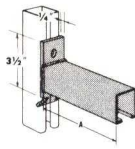
P-2233 &amp; P-2234

P-2233A &amp; P-2234A



	A	Wt. Lbs./C	DESIGN UNIFORM LOAD		
			P-1000	P-1100	P-2000
P-2513	6"	151	1200#	800#	600#
P-2514	12"	251	600#	400#	300#
P-2515	18"	351	400#	270#	200#
P-2516	24"	451	300#	200#	150#

	A	Wt. Lbs./C	DESIGN UNIFORM LOAD		
			P-1000	P-1100	P-2000
P-2513A	6"	151	1200#	800#	600#
P-2514A	12"	251	600#	400#	300#
P-2515A	18"	351	400#	270#	200#
P-2516A	24"	451	300#	200#	150#



When installed in inverted position use 60% of loads shown.

When installed in inverted position use 60% of loads shown.

P-2513 thru P-2516

P-2513 A thru P-2516 A



**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

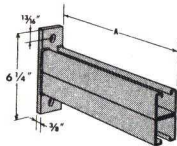
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## brackets

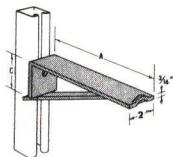
3m/5

### DESIGN UNIFORM LOAD

	A	Wt. Lbs./C	P-1000	P-1100	P-2000
<b>P-2542</b>	12"	514	2000#	1400#	1000#
<b>P-2543</b>	18"	714	1300#	900#	650#
<b>P-2544</b>	24"	914	1000#	700#	500#
<b>P-2545</b>	30"	1114	800#	560#	400#
<b>P-2546</b>	36"	1314	650#	450#	320#



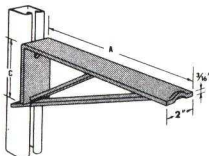
P-2542 thru P-2546



	A	C	Wt. Lbs./C
<b>P-1601</b>	4 1/2"	2 3/4"	108
<b>P-1602</b>	8 1/2"	2 3/4"	163
<b>P-1603</b>	12 3/4"	4"	254
<b>P-1604</b>	18"	4"	402

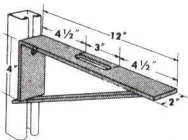
### DESIGN UNIFORM LOAD

	P-1000	P-1100	P-2000
<b>P-1601</b>	1000#	700#	500#
<b>P-1602</b>	500#	350#	250#
<b>P-1603</b>	700#	490#	350#
<b>P-1604</b>	450#	310#	220#



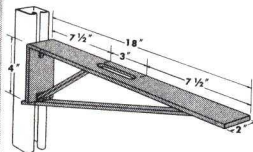
P-1601 & P-1602

P-1603 & P-1604



Wt. Lbs./C 218

Wt. Lbs./C 327



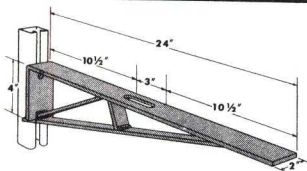
P-2554

P-2555

### DESIGN UNIFORM LOAD

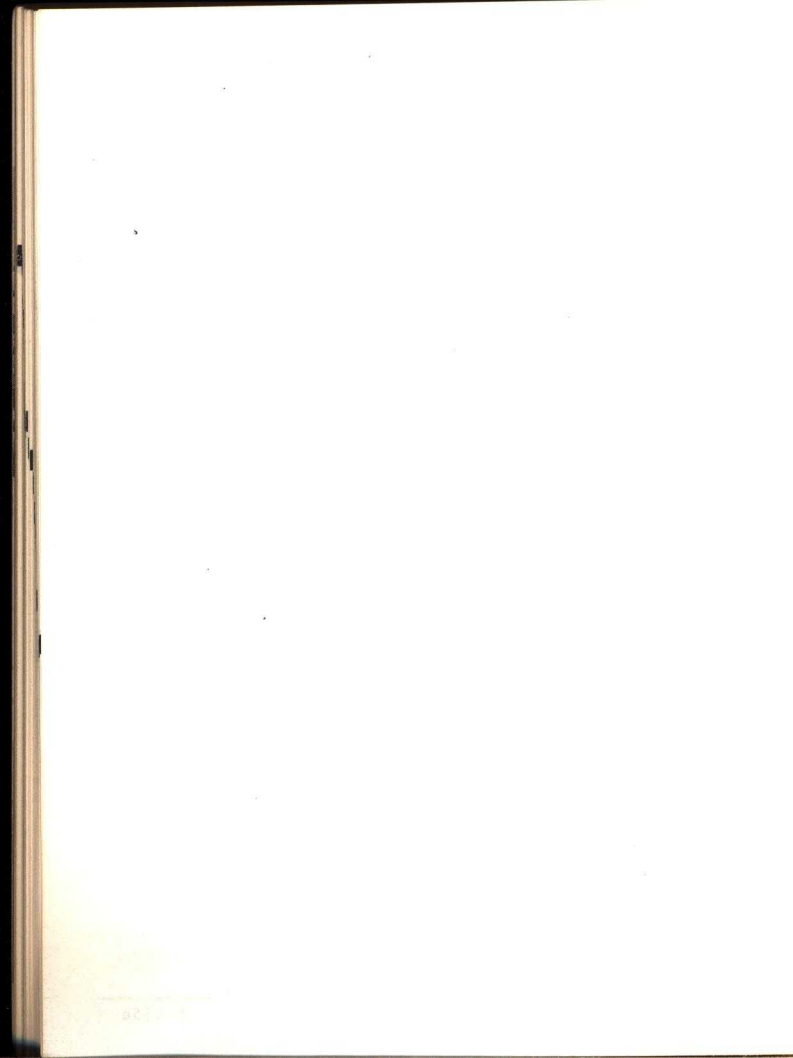
	P-1000	P-1100	P-2000
<b>P-2554</b>	750#	520#	370#
<b>P-2555</b>	600#	420#	300#
<b>P-2556</b>	450#	310#	220#

Wt. Lbs./C 628



P-2556





# 1 5/8

## channel width series

### "UNISTRUT" MECHANICAL ACCESSORIES

#### MATERIAL

Unless otherwise noted, all pipe clamps, brackets, pipe roller and beam clamp fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.

Pipe rollers and beam clamps where noted are gray cast iron.

#### STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted:

Hole size	—	3/8" diameter
Fitting width	—	1 3/8"
Fitting thickness	—	1/4"

#### APPLICATIONS

UNISTRUT pipe clamps, pipe hangers, brackets, rollers and beam clamps are designed for the support of mechanical services. Used in conjunction with UNISTRUT framing, supports to meet nearly every requirement can be fabricated.

#### DESIGN LOADING

Load data given in the following section of mechanical accessories includes a safety factor of five (5) based on the ultimate strength of the material as required by the "American Standard Code for Pressure Piping".

#### FINISHES

All parts can be supplied in plain, greenamel or hot dipped galvanized finish except as noted.

**UNISTRUT**  
*Corporation*

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.

Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

### CHANNELS AND COMBINATIONS

P-1000
P-1100
P-2000
P-3000
P-4000
P-5500
PIERCED
KNOCKOUTS
CLOSURE STRIPS
ENGINEERING DATA

### NUTS AND BOLTS

"UNISTRUT" NUTS
STUD NUTS
STD SCREWS & NUTS

### GENERAL FITTINGS

FLAT PLATE
NINETY DEGREE
ANGULAR
"Z" SHAPE
"U" SHAPE
WING
POST BASE
SLOTTED
TAPPED
STUD
SPECIAL APPLICATIONS
END CAPS
BRACKETS

### MECHANICAL ACCESSORIES

PIPE CLAMPS
PIPE SUPPORTS
BRACKETS, ETC.
PIPE ROLLERS
BEAM CLAMPS

### ELECTRICAL ACCESSORIES

FITTINGS
SWITCH PLATES
FLUORESCENT
FIXTURE FITTINGS

### BUILDING ITEMS

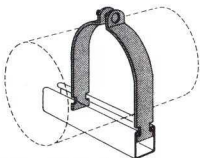
CONCRETE INSERTS
PARTITIONS AND
DISPLAY FITTINGS

4a/2

## pipe clamps

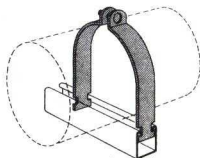
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 8/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8" on center  
 thickness — 1/4"



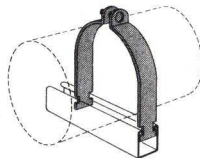
Finish — electro-galvanized

P-1109 thru P-1126



Finish — electro-galvanized

P-1425 thru P-1431



Finish — electro-galvanized

## PIPE CLAMPS FOR RIGID STEEL CONDUIT

	PIPE SIZE	Wt. lbs./C		PIPE SIZE	Wt. lbs./C
P-1109	3/8"	10	P-1118	2 1/2"	40
P-1111	3/8"	11	P-1119	3"	47
P-1112	3/8"	15	P-1120	3 1/2"	62
P-1113	1"	17	P-1121	4"	67
P-1114	1 1/4"	19	P-1123	5"	80
P-1115	1 1/4"	29	P-1124	6"	102
P-1117	2"	34	P-1126	8"	130

P-1109 THRU P-1111 16 GA.

P-1112 THRU P-1114 14 GA.

P-1115 THRU P-1119 12 GA.

P-1120 THRU P-1123 11 GA.

P-1124 THRU P-1126 10 GA.

## PIPE CLAMPS FOR THIN WALL CONDUIT (E.M.T.)

	PIPE SIZE	Wt. lbs./C		PIPE SIZE	Wt. lbs./C
P-1425	¾"	9	P-1429	1¼"	18
P-1426	½"	11	P-1430	1½"	29
P-1427	¾"	12	P-1431	2"	33
P-1428	1"	15			

P-1425 THRU P-1427 16 GA.

P-1428 THRU P-1429 14 GA.

P-1430 THRU P-1431 12 GA.

## PIPE CLAMPS FOR O.D. TUBING, TRANSITE PIPE, FIBRE DUCT, GLASS, OR CERAMIC TUBES

O.D. TUBE SIZE	Wt. lbs./C	O.D. TUBE SIZE	Wt. lbs./C		
P-2024	1/4"	8	P-2046	3"	41
P-2025	3/8"	8	P-2047	3 1/4"	43
P-2026	1/2"	9	P-2048	3 1/2"	45
P-2027	3/4"	10	P-2049	3 3/4"	46
P-2028	3/4"	11	P-1119	3 1/2"	47
P-2029	3/4"	12	P-2051	3 3/4"	56
P-2030	1"	14	P-2052	3 3/4"	58
P-2031	1 1/4"	15	P-2053	3 3/4"	60
P-2032	1 1/4"	16	P-1120	4"	62
P-2033	1 1/4"	17	P-2055	4 1/4"	62
P-2034	1 1/2"	18	P-2056	4 1/2"	64
P-2035	1 1/2"	19	P-2057	4 3/4"	66
P-1430	1 3/4"	29	P-1121	4 1/2"	67
P-2037	1 3/4"	28	P-2059	4 3/4"	70
P-2038	2"	31	P-2060	4 3/4"	72
P-2039	2 1/4"	32	P-2061	4 3/4"	73
P-2040	2 1/4"	33	P-2062	5"	74
P-1117	2 3/4"	34	P-2063	5 1/4"	76
P-2042	2 1/2"	35	P-2064	5 1/4"	77
P-2043	2 1/2"	37	P-2065	5 3/4"	78
P-2044	2 3/4"	38	P-2066	5 3/4"	79
P-1118	2 3/4"	40	P-2067	5 3/4"	88

CONTINUED ON NEXT PAGE —

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

# pipe clamps

4a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## PIPE CLAMPS FOR O.D. TUBING, TRANSITE PIPE, FIBRE DUCT, GLASS, OR CERAMIC TUBES

	O.D. TUBE SIZE	Wt. lbs./ft.		O.D. TUBE SIZE	Wt. lbs./ft.
P-2068	5 1/4"	90	P-2070-72	7 1/4"	112
P-2069	5 3/4"	92	P-2070-73	7 3/4"	114
P-2070	6"	94	P-2070-74	7 3/4"	116
P-2070-61	6 1/4"	96	P-2070-75	7 3/4"	117
P-2070-62	6 1/4"	98	P-2070-76	7 3/4"	119
P-2070-63	6 1/4"	99	P-2070-77	7 3/4"	121
P-2070-64	6 1/4"	100	P-2070-80	8"	123
P-1124	6 3/4"	102	P-2070-81	8 1/4"	125
P-2070-66	6 3/4"	104	P-2070-82	8 1/4"	126
P-2070-67	6 3/4"	106	P-2070-83	8 1/4"	128
P-2070-70	7"	108	P-2070-84	8 1/4"	129
P-2070-71	7 1/4"	110	P-1126	8 3/4"	130

P-2024 THRU P-2029 16 GA.

P-2030 THRU P-2035 14 GA.

P-2037 THRU P-2049 12 GA.

P-2051 THRU P-2066 11 GA.

P-2067 THRU P-2070-84 10 GA.

P-2024 thru P-2070-84

## DESIGN LOADS



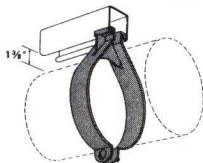
CLAMP NO.	DESIGN LOAD SAFETY FACTOR 5
P-1109 — P-1111 P-1425 — P-1427 P-2024 — P-2029	400#
P-1112 — P-1114 P-1428 — P-1429 P-2030 — P-2035	600#
P-1115 — P-1119 P-1430 — P-1431 P-2037 — P-2049	800#
P-1120 — P-1126 P-2051 — P-2070-84	1000#



CLAMP NO.	DESIGN LOAD SAFETY FACTOR 5
P-1563 — P-1565	300#
P-1566 — P-1567	400#
P-1568 — P-1573	500#

## PIPE CLAMPS FOR RIGID STEEL CONDUIT

	PIPE SIZE	Wt. lbs./C		PIPE SIZE	Wt. lbs./C
P-1563	3/8"	27	P-1569	2"	47
P-1564	1/2"	29	P-1570	2 1/4"	66
P-1565	3/4"	30	P-1571	3"	78
P-1566	1"	31	P-1572	3 1/2"	87
P-1567	1 1/4"	38	P-1573	4"	90
P-1568	1 1/2"	40			



Finish — electro-galvanized

P-1563 thru P-1573

P-1563 THRU P-1565 16 GA.

P-1566 THRU P-1567 14 GA.

P-1568 THRU P-1573 12 GA.

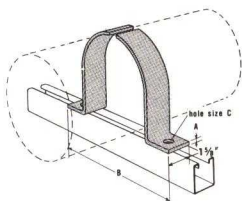


4a/4

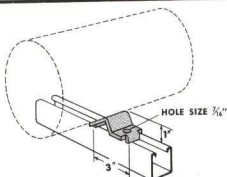
## pipe clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8"  
 thickness — 1/4"



P-2247-10 thru P-2247-60

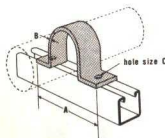


P-2243



Finish — electro-galvanized

P-2008 thru P-2020



P-2558-5 thru P-2558-60

## FULL CLAMPS FOR RIGID STEEL CONDUIT

PIPE SIZE	A	B	C	Wt. Lbs./C
P-2247-10	1"	3 1/4"	3/8"	25
P-2247-12	1 1/4"	3 3/4"	3/8"	32
P-2247-15	1 3/4"	3 3/4"	3/8"	34
P-2247-20	2"	6"	3/8"	78
P-2247-25	2 1/2"	6 1/2"	3/8"	87
P-2247-30	3"	7 1/4"	3/8"	101
P-2247-35	3 1/2"	7 3/4"	3/8"	113
P-2247-40	4"	8 1/4"	3/8"	122
P-2247-50	5"	9 1/4"	3/8"	146
P-2247-60	6"	10 3/4"	3/8"	168

## 2" TO 8" PIPE BLOCK

Wt. Lbs./C 40

## ONE HOLE CLAMP FOR O.D. TUBING

O.D. TUBE SIZE	Wt. Lbs./C	O.D. TUBE SIZE	Wt. Lbs./C
P-2008	4	P-2014	8
P-2009	5	P-2016	9
P-2010	5	P-2018	10
P-2012	6	P-2020	11

P-2008 THRU P-2012 16 GA.  
 P-2014 THRU P-2020 14 GA.

## STANDARD PIPE STRAP

PIPE SIZE	A	B	C	Wt. Lbs./C
P-2558-5	1"	2 1/2"	3/8"	23
P-2558-7	3/4"	3 1/4"	3/8"	26
P-2558-10	1"	3 3/4"	3/8"	31
P-2558-12	1 1/4"	3 3/4"	3/8"	35
P-2558-15	1 3/4"	3 3/4"	3/8"	39
P-2558-20	2"	5 1/4"	3/8"	94
P-2558-25	2 1/2"	6 1/4"	3/8"	114
P-2558-30	3"	6 3/4"	3/8"	133
P-2558-35	3 1/2"	7 1/4"	3/8"	152
P-2558-40	4"	7 3/4"	3/8"	176
P-2558-50	5"	8 3/4"	3/8"	198
P-2558-60	6"	9 3/4"	3/8"	246



GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
1-7/8" on center  
width — 1-5/8"  
thickness — 1/4"

# pipe clamps

4a/5

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## PIPE HANGERS

STD. & T.W. NOMINAL PIPE SIZE	O.D. TUBE SIZE	ROD SIZE A	Wt. Lbs./C	STD. & T.W. NOMINAL PIPE SIZE	O.D. TUBE SIZE	ROD SIZE A	Wt. Lbs./C
U-717	1/4"	3/8"	15	U-748	3"	1/2"	74
U-718	3/8" T.W.	3/8"	16	U-749	3 1/4"	1/2"	76
U-719	1/2"	3/8"	17	U-750	3 1/2"	1/2"	79
U-720	3/8" Std.	1/2"	17	U-751	3 3/4"	1/2"	82
U-721	1/2" T.W.	1/2"	18	U-752	3" Std.	1/2"	84
U-722	3/8"	1/2"	18	U-753	3 3/8"	1/2"	93
U-723	1/2" Std.	1/2"	19	U-754	3 3/4"	1/2"	93
U-724	3/8"	3/8"	20	U-755	3 3/8"	1/2"	95
U-725	1/2" T.W.	3/8"	21	U-756	3 1/2" Std.	1/2"	98
U-726	1"	3/8"	21	U-757	4 1/4"	1/2"	100
U-727	1/2" Std.	3/8"	22	U-758	4 1/4"	1/2"	101
U-728	1 1/8"	3/8"	23	U-759	4 1/4"	1/2"	103
U-729	1" T.W.	3/8"	25	U-760	4" Std.	1/2"	105
U-730	1 1/4"	3/8"	26	U-761	4 3/4"	1/2"	107
U-731	1" Std.	3/8"	27	U-762	4 3/4"	1/2"	109
U-732	1 1/8"	3/8"	28	U-763	4 3/4"	1/2"	110
U-733	1 1/4"	3/8"	29	U-764	5"	1/2"	112
U-734	1 1/4" T.W.	3/8"	30	U-765	5 1/4"	1/2"	114
U-735	1 3/4"	3/8"	32	U-766	5 1/4"	1/2"	116
U-736	1 3/8"	3/8"	33	U-767	5 3/4"	1/2"	118
U-737	1 1/4" Std.	3/8"	34	U-768	5" Std.	1/2"	119
U-738	1 1/2" T.W.	1/2"	44	U-769	5 3/4"	1/2"	159
U-739	1 1/2" Std.	1/2"	49	U-770	5 3/4"	1/2"	162
U-740	2"	1/2"	52	U-771	5 3/4"	1/2"	165
U-741	2 1/4"	1/2"	54	U-772	6"	1/2"	168
U-742	2" T.W.	1/2"	57	U-773	6 1/4"	1/2"	171
U-743	2" Std.	1/2"	59	U-774	6 1/4"	1/2"	173
U-744	2 1/2"	1/2"	62	U-775	6 3/4"	1/2"	176
U-745	2 3/8"	1/2"	64	U-776	6 3/4"	1/2"	179
U-746	2 3/4"	1/2"	67	U-777	6" Std.	1/2"	181
U-747	2 1/2" Std.	1/2"	72	U-778	6 3/4"	1/2"	184

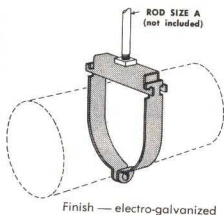
U-717 thru U-725 16 GA.

U-726 thru U-737 14 GA.

U-738 thru U-752 12 GA.

U-753 thru U-768 11 GA.

U-769 thru U-793 10 GA.



Finish — electro-galvanized

## LOAD CAPACITY

SAFETY FACTOR — 5

U-717 thru U-737 — 300#

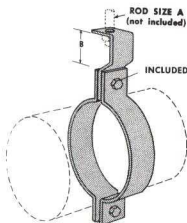
U-738 thru U-792 — 500#

STD. & T.W. NOMINAL PIPE SIZE	O.D. TUBE SIZE	ROD SIZE A	Wt. Lbs./C
U-779	6 3/4"	1/2"	187
U-780	7"	1/2"	189
U-781	7 1/4"	1/2"	192
U-782	7 1/2"	1/2"	202
U-783	7 3/4"	1/2"	205
U-784	7 1/2"	1/2"	207
U-785	7 3/4"	1/2"	210
U-786	7 3/4"	1/2"	213
U-787	7 1/4"	1/2"	216
U-788	8"	1/2"	218
U-789	8 1/4"	1/2"	221
U-790	8 3/4"	1/2"	224
U-791	8 3/4"	1/2"	227
U-792	8 3/4"	1/2"	229
U-793	8" Std.	1/2"	233

## U-717 thru U-793

## ADJUSTABLE PIPE HANGERS

NOMINAL PIPE SIZE	ROD SIZE A	ROD ADJ. B	STRAP SIZE	BOLT SIZE	Wt. Lbs./C	LOAD CAPACITY S.F. - 5
U-813-7	3/4"	3/4"	1 1/2"	3/4" x 1"	89	300
U-813-10	1"	3/4"	1 1/2"	3/4" x 1"	93	300
U-813-12	1 1/4"	3/4"	1 1/2"	3/4" x 1"	99	300
U-813-15	1 1/2"	3/4"	1 1/2"	3/4" x 1"	103	300
U-813-20	2"	3/4"	1 1/2"	3/4" x 1"	154	400
U-813-25	2 1/4"	1/2"	1 1/2"	3/4" x 1"	170	400
U-813-30	3"	1/2"	1 1/2"	3/4" x 1"	195	600
U-813-35	3 1/2"	1/2"	1 1/2"	3/4" x 1"	207	600
U-813-40	4"	1/2"	2"	1/2" x 1 1/4"	303	800
U-813-50	5"	3/4"	2"	3/4" x 1 1/4"	460	1000
U-813-60	6"	3/4"	2"	3/4" x 1 1/4"	500	1000
U-813-80	8"	3/4"	2"	3/4" x 2"	767	1200



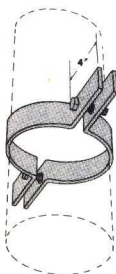
## U-813-7 thru U-813-80

4a/6

## pipe clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 — 1 7/8" on center  
 width — 1 5/8"  
 thickness — 1/4"

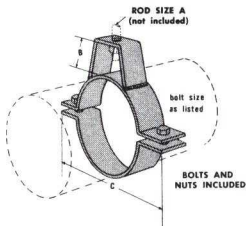


BOLTS AND  
NUTS INCLUDED

## RISER SUPPORTS

	NOMINAL PIPE SIZE	STRAP SIZE	BOLT SIZE	Wt. Lbs./C
U-991-7	3/4"	3/4" x 1 1/4"	3/4" x 1 1/4"	136
U-991-10	1"	3/4" x 1 1/4"	3/4" x 1 1/4"	140
U-991-12	1 1/4"	3/4" x 1 1/4"	3/4" x 1 1/4"	144
U-991-15	1 1/2"	3/4" x 1 1/4"	3/4" x 1 1/4"	148
U-991-20	2"	3/4" x 1 1/4"	3/4" x 1 1/4"	210
U-991-25	2 1/2"	3/4" x 1 1/4"	3/4" x 1 1/4"	222
U-991-30	3"	3/4" x 1 1/4"	3/4" x 1 1/4"	242
U-991-35	3 1/2"	3/4" x 1 1/4"	3/4" x 1 1/4"	290
U-991-40	4"	3/4" x 1 1/4"	3/4" x 1 1/4"	354
U-991-50	5"	3/4" x 2"	3/4" x 1 1/2"	455
U-991-60	6"	3/4" x 2"	3/4" x 1 1/2"	485
U-991-80	8"	3/4" x 2"	3/4" x 2"	581

U-991-7 thru U-991-80



## ADJUSTABLE PIPE HANGERS

	NOMINAL PIPE SIZE	ROD SIZE A	B	C	STRAP SIZE	BOLT SIZE	Wt. Lbs./C	LOAD CAPACITY S.F. - 5
U-814-7	3/4"	3/4"	1"	2 1/4"	3/4" x 1"	3/4" x 1 1/4"	52	300
U-814-10	1"	3/4"	1"	3 1/2"	3/4" x 1"	3/4" x 1 1/4"	56	300
U-814-12	1 1/4"	3/4"	1"	3 3/4"	3/4" x 1"	3/4" x 1 1/4"	67	300
U-814-15	1 1/2"	3/4"	1"	3 3/4"	3/4" x 1"	3/4" x 1 1/4"	72	300
U-814-20	2"	3/4"	1 1/2"	5 1/4"	3/4" x 1"	3/4" x 1 1/4"	142	400
U-814-25	2 1/2"	3/4"	1 3/4"	5 1/4"	3/4" x 1"	3/4" x 1 1/4"	160	400
U-814-30	3"	3/4"	1 3/4"	6 1/2"	3/4" x 1"	3/4" x 1 1/4"	180	600
U-814-35	3 1/2"	3/4"	2"	7 1/2"	3/4" x 1"	3/4" x 1 1/4"	199	600
U-814-40	4"	3/4"	2"	8 3/4"	3/4" x 1 1/4"	3/4" x 1 1/2"	288	800
U-814-50	5"	3/4"	2"	9 3/4"	3/4" x 1 3/4"	3/4" x 1 1/2"	410	1000
U-814-60	6"	3/4"	2 1/4"	10 3/4"	3/4" x 1 3/4"	3/4" x 1 1/2"	463	1000
U-814-80	8"	3/4"	2 1/4"	13 3/4"	3/4" x 2"	3/4" x 2"	691	1200

U-814-7 thru U-814-80

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 5/8" on center  
thickness — 1/4"

# pipe brackets

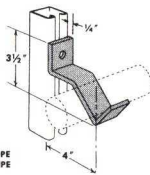
4b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## DESIGN UNIFORM LOAD

P-2481	P-1000	P-1100	P-2000
	85	85	85

Wt. Lbs./C 90

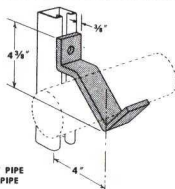


P-2481

## DESIGN UNIFORM LOAD

P-2482	P-1000	P-1100	P-2000
	185	120	95

Wt. Lbs./C 139



P-2482

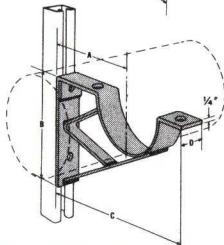
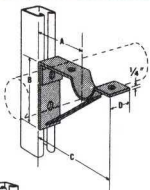
## PIPE BRACKET SADDLES

	NOMINAL PIPE SIZE	A	B	C	D	Wt. Lbs./C
P-2244-20	2"	4 1/2"	4 1/4"	7"	1 1/4"	181
P-2244-25	2 1/2"	5"	5"	7 3/4"	1 3/4"	208
P-2244-30	3"	5 1/2"	5 3/4"	8 3/4"	1 3/4"	277
P-2244-35	3 1/2"	6"	6 1/4"	9 3/4"	1 3/4"	305
P-2244-40	4"	6 1/2"	6 3/4"	10 3/4"	1 3/4"	334
P-2244-50	5"	7 1/2"	8"	12 3/4"	1 3/4"	424
P-2244-60	6"	8"	8 3/4"	13 1/2"	1 3/4"	493
P-2244-80	8"	9"	10 1/2"	15 1/4"	2"	607

## LOAD CAPACITY

SAFETY FACTOR 3

	P-1000	P-1100	P-2000
P-2244-20,-25	300#	220#	150#
P-2244-30,-35,-40	500#	370#	250#
P-2244-50,-60,-80	700#	500#	350#



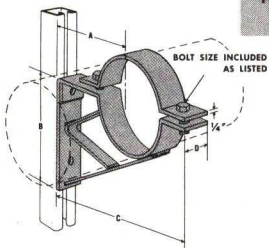
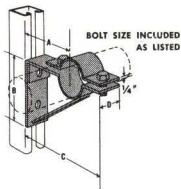
P-2244-20 thru P-2244-80

4b/2

## pipe brackets

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 5/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



## PIPE BRACKET SADDLE AND CLAMP

	NOMINAL PIPE SIZE	A	B	C	D	BOLT SIZE	WT. Lbs./C
P-2644-20	2"	4½"	4½"	7"	1½"	¾" x 1½"	233
P-2644-25	2½"	5"	5"	7¾"	1½"	¾" x 1½"	271
P-2644-30	3"	5½"	5½"	8¾"	1½"	¾" x 1½"	350
P-2644-35	3½"	6"	6¼"	9¾"	1½"	¾" x 1½"	384
P-2644-40	4"	6½"	6½"	10¾"	1½"	¾" x 1½"	458
P-2644-50	5"	7½"	8"	12¾"	1½"	¾" x 1½"	624
P-2644-60	6"	8"	8¾"	13¾"	1½"	¾" x 1½"	713
P-2644-80	8"	9"	10½"	15¾"	2"	¾" x 2"	953

## LOAD CAPACITY

SAFETY FACTOR 5

	MOUNTED TO		
	P-1000	P-1100	P-2000
P-2644-20,-25	300#	220#	150#
P-2644-30,-35,-40	500#	370#	250#
P-2644-50,-60,-80	700#	500#	350#

P-2644-20 thru P-2644-80



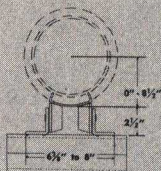
GENERAL DATA  
hole size — 3/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## pipe rollers

4c/1

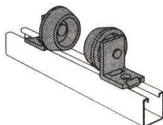
### PIPE ROLLER FOR 1/2" THRU 8" PIPE



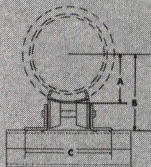
Roller will fit standard saddles.  
Requires 2 each 1/2" x 3/4" bolts  
and 1/2" Uni-nuts per assembly.

Wt. Lbs./C 268

CAST IRON  
ROLLERS



### PIPE ROLLER FOR 1" THRU 12" PIPE

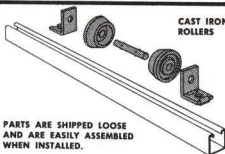


Pipe roller will fit standard saddles.  
Select proper roller from  
chart. Requires 2 each 1/2" x 3/4"  
bolts and 1/2" Uni-nuts per assembly.

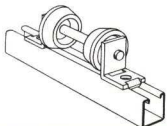
	A	B	C	Wt. Lbs./C
P-2474-1	1 1/4"-3 3/4"	3 3/4"-5 3/4"	6 3/4"	299
P-2474-2	3 3/4"-4 3/4"	5 3/4"-7 1/4"	7 1/2"	304
P-2474-3	4 3/4"-6 3/4"	6 3/4"-8 3/4"	8 1/2"	311
P-2474-4	6 3/4"-8 3/4"	8 3/4"-10 3/4"	9 3/4"	319

P-2474

CAST IRON  
ROLLERS

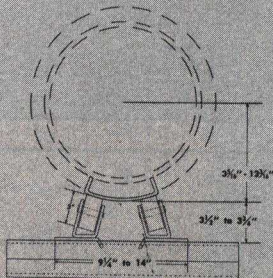


PARTS ARE SHIPPED LOOSE  
AND ARE EASILY ASSEMBLED  
WHEN INSTALLED.



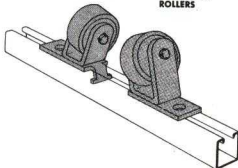
P-2474-1 thru P-2474-4

### PIPE ROLLER FOR 6" THRU 18" PIPE



Wt. Lbs./C 760

CAST IRON  
ROLLERS



Roller will fit standard saddles.  
Requires 2 each 1/2" x 3/4" bolts  
and 1/2" Uni-nuts per assembly.

P-2475

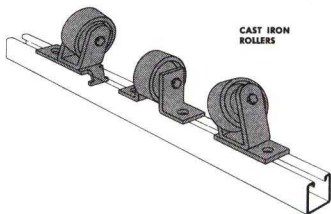


4c/2

# pipe rollers

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

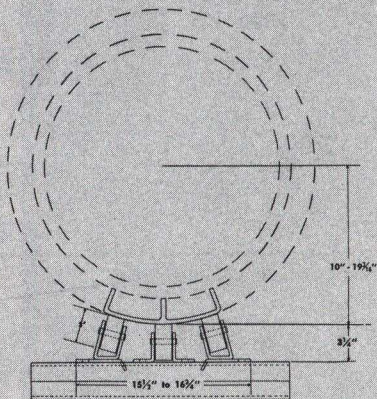
GENERAL DATA	
hole size —	9/16" diameter
hole spacing —	13/16" from end
	1-7/8" on center
width —	1-5/8"
thickness —	1/4"



## PIPE ROLLER FOR 20" THRU 30" PIPE

Roller will fit standard saddles. Requires 4 each 1/2" x 1/4" bolts and 1/2" Uni-nuts per assembly.

Wt. Lbs./C 1131



P-2476

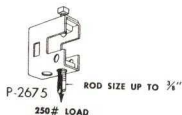
GENERAL DATA  
hole size —  $9/16"$  diameter  
hole spacing —  $13/16"$  from end  
width —  $1-7/8"$  on center  
thickness —  $1/4"$

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

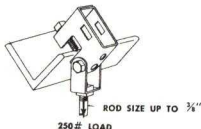
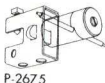
## beam clamps

4d/1

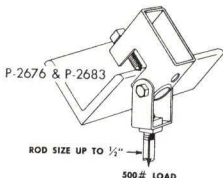
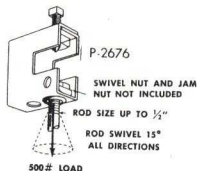
### APPLICATIONS



P-3016-1024 NUT OR  
P-3016-1420 NUT



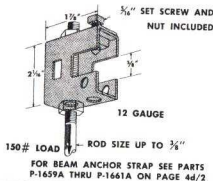
P-2675 & P-2674



NOTE: P-2683 see 5c/1.

Clamp P-2675 is designed for light duty rod suspension. It also may be used with P-3016-1024 or P-3016-1420 nut as illustrated at left for mounting insulators, etc.

Wt. Lbs./C 33



P-2675

Clevis hanger to be used with P-2675 to provide angle adjustment for up to  $3/4"$  rod suspension as illustrated at left.

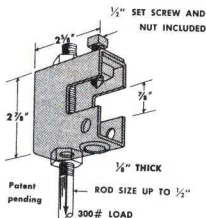
Wt. Lbs./C 17



P-2674

Clamp P-2676 provides a means of rod suspension where a free swing of up to 15° is required. Clamp will accommodate  $1/4"$ ,  $3/8"$ , or  $1/2"$  rods. Order swivel nuts P-2679-4, -6, and -8 as required.

Wt. Lbs./C 72



P-2676



Swivel nuts for use with P-2676 above as illustrated at left. Other uses are illustrated on page 5c/1.

	THRD SIZE	Wt. Lbs./C
P-2679-4	$1/4"$ - 20	4
P-2679-6	$3/8"$ - 16	5
P-2679-8	$1/2"$ - 13	6

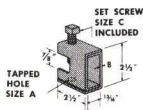
P-2679-4, -6, & -8

4d/2

## beam clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

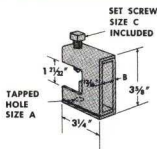
GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end on center  
 width — 1-7/8"  
 thickness — 1/4"



	A	B	C	Wt. Lbs./C	LOAD CAP. IN Lbs.
P-1648S	1/4"-20	3/4"	3/4" x 1 1/2"	67	650
P-1649S	5/16"-18	1/2"	3/4" x 1 1/2"	67	650
P-1649AS	3/8"-16	1/4"	3/4" x 1 1/2"	67	650
P-1650S	3/8"-16	3/8"	1/2" x 1 1/2"	100	1100
P-1650AS	1/2"-13	3/8"	1/2" x 1 1/2"	100	1100
P-1651S	1/2"-13	1/2"	1/2" x 1 1/2"	130	1600
P-1651AS	5/8"-11	1/2"	1/2" x 1 1/2"	130	1600
P-1652S	3/8"-11	3/8"	3/8" x 1 1/2"	160	2400
P-1653S	3/8"-10	3/8"	3/8" x 1 1/2"	160	2400

## P-1648S thru P-1653S

P-1648S thru P-1653S



	A	B	C	Wt. Lbs./C	LOAD CAP. IN Lbs.
P-2398S	1/4"-20	3/4"	3/4" x 2"	109	800
P-2399S	5/16"-18	3/4"	3/4" x 2"	109	800
P-2400S	3/8"-16	1/4"	3/4" x 2"	109	800
P-2401S	3/8"-16	3/8"	1/2" x 2"	156	1300
P-2402S	1/2"-13	3/8"	1/2" x 2"	156	1300
P-2403S	1/2"-13	1/2"	1/2" x 2"	201	1900
P-2404S	5/8"-11	1/2"	1/2" x 2"	201	1900
P-2405S	3/8"-11	3/8"	3/8" x 2"	251	2800
P-2406S	3/8"-10	3/8"	3/8" x 2"	251	2800

## P-2398S thru P-2406S

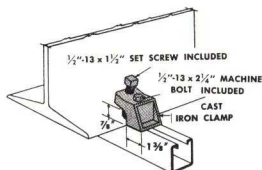
P-2398S thru P-2406S



	FLANGE WIDTH	A	CLAMP USED WITH	Wt. Lbs./C
P-1654A	6"	8"	P-2675	18
P-1655A	9"	11"		25
P-1656A	6"	9"	P-1648S Series	26
P-1657A	9"	12"	and	35
P-1658A	12"	15"	P-2398S Series	44
P-1659A	6"	9"		24
P-1660A	9"	12"	P-2676	33
P-1661A	12"	15"		42

## P-1654A thru P-1661A

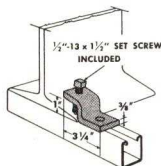
P-1654A thru P-1661A



UNISTRUT CHANNEL SIZE	REC. LOAD
P-1000	600#
P-1100	500#
P-2000	450#

Wt. Lbs./C 106

Wt. Lbs./C 75



P-1054S

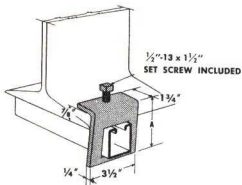
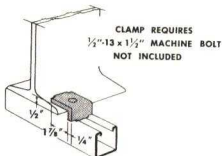
P-1379S

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

## beam clamps

4d/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

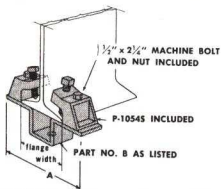
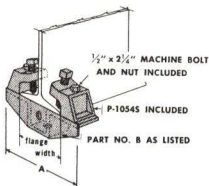


UNISTRUT CHANNEL SIZE	REC. LOAD	
P-1000	600#	
P-1100	500#	
P-2000	450#	Wt. Lbs./C 27

	A	Wt. Lbs./C	REC. LOAD
P-1796S	3 1/2"	107	480#
P-3796S	3 3/4"	100	480#
P-4796S	2 1/2"	98	480#
P-5796S	4 3/8"	112	480#

P-1386

P-1796S, P-3796S, P-4796S & P-5796S

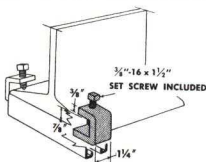
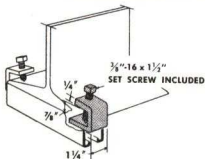


	FLANGE WIDTH	A	PART B	Wt. Lbs./C	REC. LOAD
U-78	2 1/4"-4 1/4"	7 1/4"	P-1055	366	1200#
U-76	3 1/4"-5 1/4"	8 1/4"	P-1056	393	1200#
U-80	5 1/4"-7 1/4"	10 3/4"	P-1057	418	1200#

	FLANGE WIDTH	A	PART B	Wt. Lbs./C	REC. LOAD
U-79	2 1/4"-4 1/4"	7 1/4"	P-1048	328	1200#
U-77	3 3/4"-5 1/4"	8 1/4"	P-1049	343	800#
U-81	5 1/4"-7 1/4"	10 3/4"	P-1050	353	560#

U-76, U-78 & U-80

U-77, U-79 & U-81



Recommended load 450# when  
used in pairs.  
Wt. Lbs./C 39

Recommended load 1000# when  
used in pairs.  
Wt. Lbs./C 62

P-1272S

P-1985S

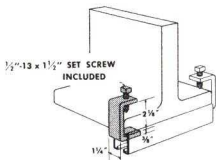


4d/4

## beam clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8"  
 thickness — 1/4"

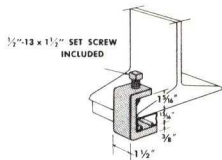


FOR ATTACHMENT TO MEMBERS 3/8" TO 2" THICK

Recommended load 900# when used in pairs.

Wt. Lbs./C 83

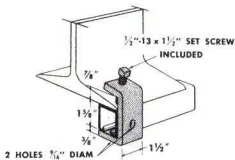
P-1986S



Recommended load 500#

Wt. Lbs./C 90

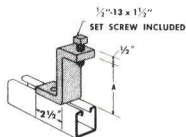
P-4271S



Recommended load 500#

Wt. Lbs./C 95

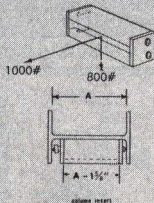
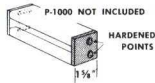
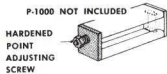
P-1271S



Recommended load 600#

	A	Wt. Lbs./C
P-1983S	2"	118
P-1984S	3"	139

P-1983S &amp; P-1984S



Wt. Lbs./C 56

U-318



1<sup>5</sup>/<sub>8</sub>

## channel width series

## "UNISTRUT" ELECTRICAL ACCESSORIES

## MATERIAL

Maple cable saddles, cable clamps and bus bar clamps are made from kiln dry maple wood and paraffin treated to a depth of  $\frac{1}{8}$ ". Special sizes of clamps can be fabricated upon request.

Parcelain saddles and clamps are made by the dry process and white glazed.

All fittings are punch press formed from hot rolled pickled and oiled plate or strip steel.

## STANDARD DIMENSIONS

The following dimensions apply to all fittings except as noted:

Hole size	—	$\frac{1}{8}$ " diameter
Fitting width	—	$1\frac{1}{2}$ "
Fitting thickness	—	$\frac{1}{4}$ "

## RACEWAY

UNISTRUT channel is listed by Underwriters' Laboratories as a surface metal raceway. Snap-in closure strip is used to complete the raceway. Accessory parts listed by Underwriters are noted on drawings.

## Maximum Number of Wires

Wire Size Awg.	Raceway P-1000,-6KO P-1100,-6KO P-2000,-6KO		Raceway P-3000,-6KO		Raceway P-4000		Raceway P-5500,-6KO	
	A	B	A	B	A	B	A	B
14	6	10	5	10	4	6	10	10
12	6	10	4	10	3	6	10	10
10	5	8	4	6			8	10
8	4	6	3	4			6	8
6	2	3	2	2			4	6

Wire types AVB, R, RH, RU, RW, T or TW

Column A — Suitable for number of wires listed when installed to support and supply electric discharge type lighting fixtures when raceway wiring is suitable for at least 75°C. Wire suitable for 60°C may be used when clearance between fixtures and raceway is at least  $\frac{1}{2}$ ".

Column B — Suitable for number of wires listed when used as a raceway. Also suitable for number of wires listed when installed to support electric discharge type fixtures when raceway wiring is suitable for at least 75°C and clearance between fixtures and raceway is at least  $\frac{1}{4}$ ".

**UNISTRUT**  
Corporation

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 450640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.  
Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

## CHANNELS AND COMBINATIONS

P-1000

P-1100

P-2000

P-3000

P-4000

P-5500

PIERCED

KNOCKOUTS

CLOSURE STRIPS

ENGINEERING DATA

## NUTS AND BOLTS

"UNISTRUT" NUTS

STUD NUTS

STD SCREWS &amp; NUTS

## GENERAL FITTINGS

FLAT PLATE

NINETY DEGREE

ANGULAR

"Z" SHAPE

"U" SHAPE

WING

POST BASE

SLOTTED

TAPPED

STUD

SPECIAL APPLICATIONS

END CAPS

BRACKETS

## MECHANICAL ACCESSORIES

PIPE CLAMPS

PIPE SUPPORTS

BRACKETS, ETC.

PIPE ROLLERS

BEAM CLAMPS

## ELECTRICAL ACCESSORIES

FITTINGS

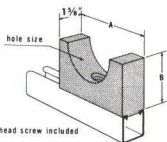
SWITCH PLATES

FLUORESCENT  
FIXTURE FITTINGS

## BUILDING ITEMS

CONCRETE INSERTS

PARTITIONS AND  
DISPLAY FITTINGS



3/8" flat head screw included

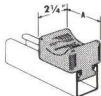
## MAPLE CABLE SADDLES

	HOLE SIZE*	A	B	Wt. Lbs./C
P-2649A	0"-1"	3"	1 3/4"	31
P-2649B	1"-1 1/2"	3 1/2"	2"	38
P-2649C	1 1/2"-2"	4"	2 1/4"	47
P-2649D	2"-2 1/2"	4 1/2"	2 3/4"	57
P-2649E	2 1/2"-3"	5"	2 3/4"	68
P-2649F	3"-3 1/2"	5 1/2"	3"	80
P-2649G	3 1/2"-4"	6"	3 1/4"	94
P-2649H	Over 4"			

\* Specify hole size when ordering

Material: — Maple hardwood paraffin impregnated

## P-2649A thru P-2649H

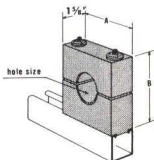


## PORCELAIN CABLE SADDLES

	A	MAX. CABLE DIAM.	Wt. Lbs./C
P-1753	3"	3"	82
P-1754	4"	4 1/2"	120

Material: — Dry process porcelain white glaze

## P-1753 &amp; P-1754



3/8" STUDS, SQUARE NUTS AND WASHERS INCLUDED.

## MAPLE CABLE CLAMPS

	HOLE SIZE*	A	B	Wt. Lbs./C
P-2645A	0"-1"	3 1/2"	3 1/2"	84
P-2645B	1"-1 1/2"	4"	4"	102
P-2645C	1 1/2"-2"	4 1/2"	4 1/2"	121
P-2645D	2"-2 1/2"	5 1/2"	5 1/2"	165
P-2645E	2 1/2"-3"	6"	6"	189
P-2645F	3"-3 1/2"	6 1/2"	6 1/2"	215
P-2645G	3 1/2"-4"	7"	7"	243
P-2645H	Over 4"			

\* Specify hole size when ordering

Material: — Maple hardwood paraffin impregnated

## P-2645A thru P-2645H

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1-7/8" on center  
thickness — 1/4"

# electrical fittings

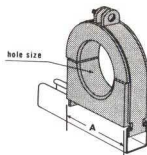
5a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## MAPLE CABLE CLAMPS

	HOLE SIZE	A	Wt. Lbs./C
U-371	0"-3/8"	1 1/2"	24
U-372	1/2"-1"	2 1/4"	42
U-373	3/4"-1 1/2"	2 3/4"	54
U-374	1 1/4"-1 3/4"	3"	65
U-375	1 1/2"-2 1/4"	3 3/4"	84
U-376	2"-2 3/4"	4 1/4"	107
U-377	2 1/2"-3"	4 3/4"	123
U-378	3"-4"	5 1/4"	163

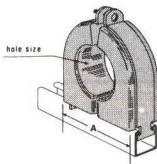
Material:—Maple hardwood  
paraffin impregnated  
Steel clamp with  
everdur hardware



U-371 thru U-378

## PORCELAIN CABLE CLAMPS

	HOLE SIZE	A	Wt. lbs./C		HOLE SIZE	A	Wt. lbs./C
U-462A	3/8"	1 3/8"	54	U-466B	2 1/2"	4 1/2"	259
U-462B	1/2"		53	U-466C	2 3/4"		252
U-462C	3/4"		51	U-467	2 3/4"	5 1/4"	347
U-463	3/4"	2 3/4"	94	U-467A	2 3/4"		336
U-463A	3/4"		89	U-467B	3"		325
U-463B	1"		84	U-467C	3 1/4"		314
U-463C	1 1/4"		81	U-468	3 1/4"	6 1/4"	495
U-464	1 1/2"	2 3/4"	111	U-468A	3 3/4"		480
U-464A	1 3/4"		114	U-468B	3 3/4"		465
U-464B	1 1/2"		119	U-468C	3 3/4"		450
U-464C	1 3/4"		122	U-469	3 3/4"	7 1/4"	712
U-465	1 3/4"	4"	238	U-469A	3 3/4"		696
U-465A	1 3/4"		232	U-469B	4"		683
U-465B	2"		221	U-469C	4 1/4"		670
U-465C	2 1/4"		217	U-470	4 1/4"		645
U-466	2 1/4"	4 3/4"	274	U-470A	4 3/4"		632
U-466A	2 3/4"		267	U-470B	4 3/4"		617



Material:—Dry process porcelain  
white glaze  
Steel clamp with  
everdur hardware

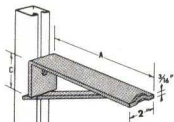
U-462A thru U-470B

## PORCELAIN CABLE SADDLE BRACKETS

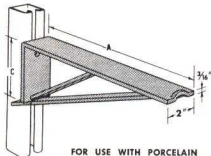
	A	C	Wt. Lbs./C
P-1601	4 1/2"	2 3/4"	108
P-1602	8 1/2"	2 3/4"	163
P-1603	12 1/2"	4"	254
P-1604	18"	4"	402

### DESIGN UNIFORM LOAD

	P-1000	P-1100	P-2000
P-1601	1000#	700#	500#
P-1602	500#	350#	250#
P-1603	700#	490#	350#
P-1604	450#	310#	220#



FOR USE WITH PORCELAIN  
SADDLES SHOWN IN GRAY.  
BAR CATALOG #104 PAGE  
830. NUMBERS 2122 & 2123



FOR USE WITH PORCELAIN  
SADDLES SHOWN IN GRAY.  
BAR CATALOG #104 PAGE  
830. NUMBERS 2122 & 2123

P-1601 & P-1602

P-1603 & P-1604

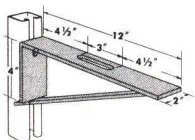


# 5a/4

# electrical fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

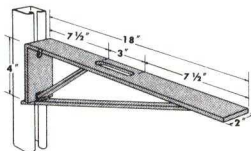
**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"



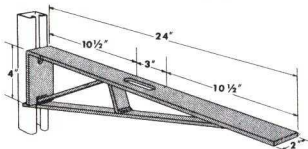
Wt. Lbs./C 218

Wt. Lbs./C 327

**P-2554**



**P-2555**



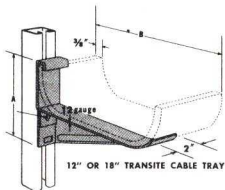
**P-2556**

## CABLE TRAY BRACKETS

### DESIGN UNIFORM LOAD

	P-1000	P-1100	P-2000
P-2554	750#	520#	370#
P-2555	600#	420#	300#
P-2556	450#	310#	220#

Wt. Lbs./C 628

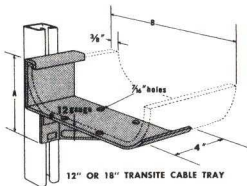


**P-2456-12 & P-2456-18**

## CABLE TRAY BRACKET

### DESIGN UNIFORM LOAD

	A	B	Wt. Lbs./C	P-1000	P-1100	P-2000
P-2456-12	6 3/4"	13"	220	480#	400#	320#
P-2456-18	8 1/2"	19"	388	540#	450#	360#



**P-2457-12 & P-2457-18**

## CABLE TRAY BRACKET

### DESIGN UNIFORM LOAD

	A	B	Wt. Lbs./C	P-1000	P-1100	P-2000
P-2457-12	6 3/4"	13"	307	480#	400#	320#
P-2457-18	8 1/2"	19"	503	540#	450#	360#

GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1 5/8"

# electrical fittings

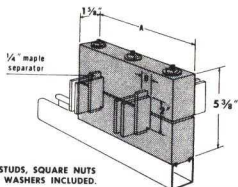
5a/5

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## 2" BUS BAR MAPLE CLAMPS

	A	B	C*	D†	Wt. lbs./C
P-2646A	8 1/4"	3/4"	0	1	319
P-2646B	9 1/4"	3/4"	2	2	349
P-2646C	10 1/4"	1 1/4"	4	3	379
P-2646D	11 1/4"	1 3/4"	6	4	409
P-2646E	12 1/4"	2 1/4"	8	5	439
P-2646F	13 1/4"	2 3/4"	10	6	469

\* Number bus separators  
† Number bars per leg



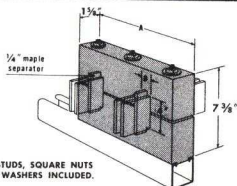
3/4" STUDS, SQUARE NUTS  
AND WASHERS INCLUDED.

## P-2646A thru P-2646F

## 4" BUS BAR MAPLE CLAMPS

	A	B	C*	D†	Wt. lbs./C
P-2647A	8 1/4"	3/4"	0	1	421
P-2647B	9 1/4"	3/4"	2	2	465
P-2647C	10 1/4"	1 1/4"	4	3	509
P-2647D	11 1/4"	1 3/4"	6	4	553
P-2647E	12 1/4"	2 1/4"	8	5	597
P-2647F	13 1/4"	2 3/4"	10	6	631

\* Number bus separators  
† Number bars per leg



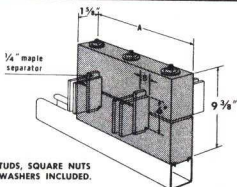
3/4" STUDS, SQUARE NUTS  
AND WASHERS INCLUDED.

## P-2647A thru P-2647F

## 6" BUS BAR MAPLE CLAMPS

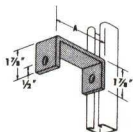
	A	B	C*	D†	Wt. lbs./C
P-2648A	8 1/4"	3/4"	0	1	515
P-2648B	9 1/4"	3/4"	2	2	568
P-2648C	10 1/4"	1 1/4"	4	3	621
P-2648D	11 1/4"	1 3/4"	6	4	674
P-2648E	12 1/4"	2 1/4"	8	5	727
P-2648F	13 1/4"	2 3/4"	10	6	780

\* Number bus separators  
† Number bars per leg



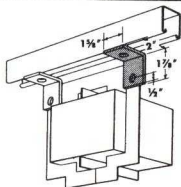
3/4" STUDS, SQUARE NUTS  
AND WASHERS INCLUDED.

## P-2648A thru P-2648F



	A	Wt. lbs./C
P-1481	2 3/4"	59
P-1482	3 3/4"	77
P-1483	4 3/4"	88

Wt. lbs./C 38



## P-1481 thru P-1483

## P-1485

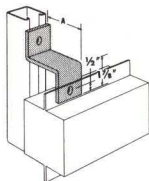


5a/6

## electrical fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 3/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-5/8" on center  
 thickness — 1/4"

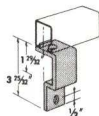


## BUS DUCT "Z" CONNECTION

	A	Wt. Lbs./C
P-1508	2 1/2"	61
P-1509	3 1/4"	77
P-1510	4 3/4"	85

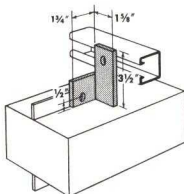
## BUS DUCT CUP SUPPORT

	Wt. Lbs./C
P-1511	64



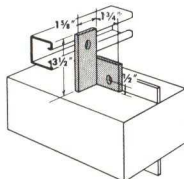
P-1508 thru P-1510

P-1511



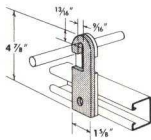
Wt. Lbs./C 58

Wt. Lbs./C 58



P-1484L

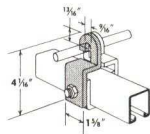
P-1484R



NOTE:  
 Following parts required  
 for above application.  
 2 pcs. P-1971

Wt. Lbs./C 44

Wt. Lbs./C 44



NOTE:  
 Following parts required  
 for above application.

2 pcs. P-1972  
 1 pc. P-1317  
 2 pcs. 1/2" hex nuts

P-1971

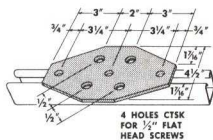
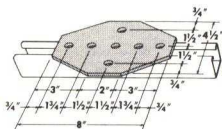
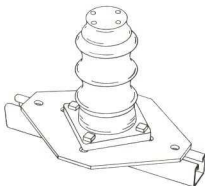
P-1972

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
                  — 1 7/8" on center  
width — 1 5/8"  
thickness — 1/4"

# electrical fittings

5a/7

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

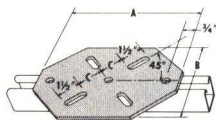


Wt. Lbs./C 190

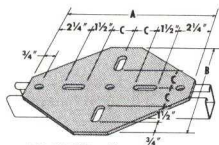
Wt. Lbs./C 190

P-1797

P-1798



SLOT SIZE 3/16" x 1 1/2"



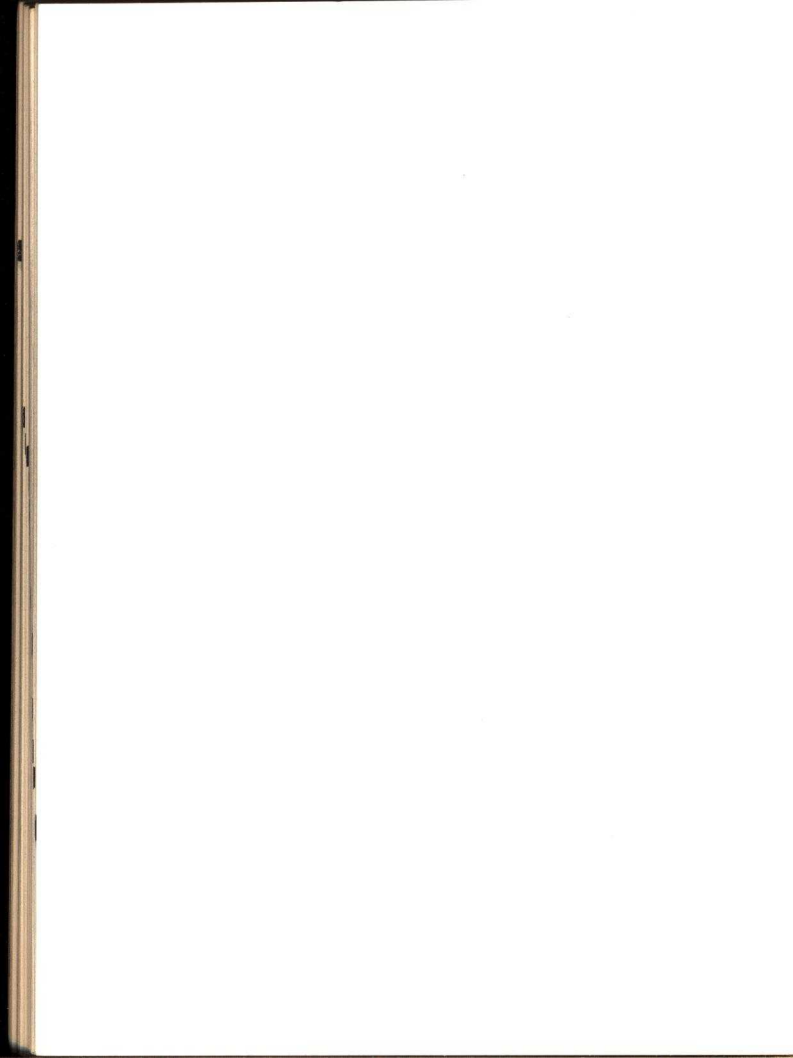
SLOT SIZE 1/16" x 1 1/2"

	A	B	C	Wt. lbs./C
P-1801	9"	6"	1 1/2"	288
P-1802	11"	8"	2 1/4"	488

	A	B	C	Wt. lbs./C
P-1799	10 1/2"	7 1/2"	1 1/2"	364
P-1800	13"	10"	2 1/4"	578

P-1801 & P-1802

P-1799 & P-1800



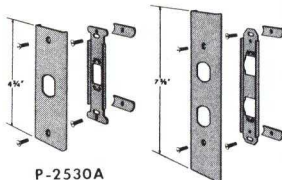
# switch plates

5b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP,  
#6 SCREWS, AND NUTS INCLUDED.



P-2530A

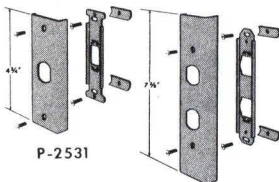
P-2530AD

To be used with: —  
T-1320 or 1320 15 amp. outlet  
QT-1 or 1317 15 amp. single pole switch  
QT-3 or ACD3 15 amp. three-way switch  
QST-91 or ACD201 20 amp. single pole switch  
QST-93 or ACD203 20 amp. three-way switch  
As manufactured by Arrow-Hart & Hegeman  
Electric Co., or Pass & Seymour, Inc.

## P-2530A & P-2530AD

## SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP,  
#6 SCREWS, AND NUTS INCLUDED.

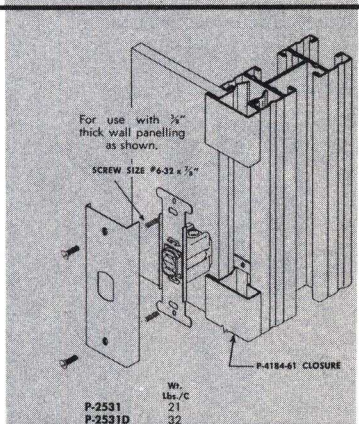
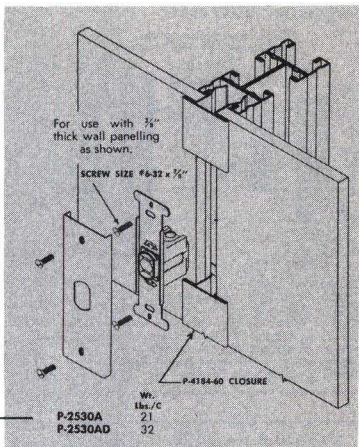


P-2531

P-2531D

To be used with: —  
T-1320 or 1320 15 amp. outlet  
QT-1 or 1317 15 amp. single pole switch  
QT-3 or ACD3 15 amp. three-way switch  
QST-91 or ACD201 20 amp. single pole switch  
QST-93 or ACD203 20 amp. three-way switch  
As manufactured by Arrow-Hart & Hegeman  
Electric Co., or Pass & Seymour, Inc.

## P-2531 & P-2531D

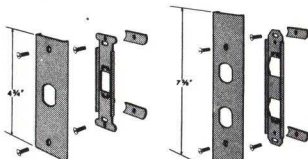


5b/2

## switch plates

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## SWITCH OR OUTLET PLATE

COVER PLATE, MOUNTING STRAP,  
#6 SCREWS, AND NUTS INCLUDED.

P-2530

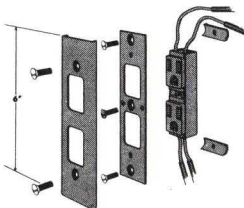
P-2530D

To be used with:—

T-1320 or 1320 15 amp. outlet  
 QT-1 or 1317 15 amp. single pole switch  
 QT-3 or ACD3 15 amp. three-way switch  
 QST-91 or ACD201 20 amp. single pole switch  
 QST-93 or ACD203 20 amp. three-way switch  
 As manufactured by Arrow-Hart & Hegeman  
 Electric Co., or Pass & Seymour, Inc.

## P-2530 &amp; P-2530D

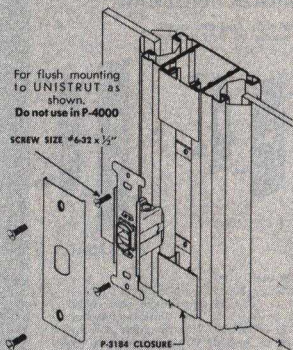
## DUPLUX GROUNDED OUTLET

COVER PLATE, MOUNTING STRAP,  
OUTLET, #6 SCREWS, AND NUTS  
INCLUDED.

K-400

For flush mounting  
 to UNISTRUT as  
 shown.  
 Do not use in P-4000

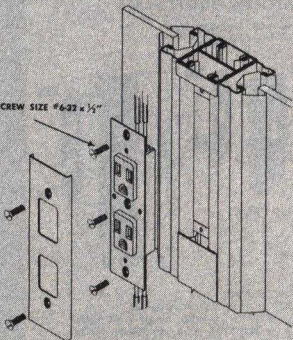
SCREW SIZE #6-32 x 1/2"



P-2530  
 P-2530D

Wt.  
 Lbs./C  
 21  
 32

SCREW SIZE #6-32 x 1/2"



Wt. Lbs./C 40



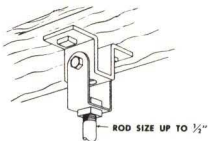
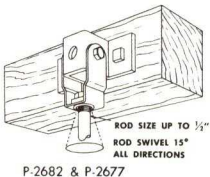
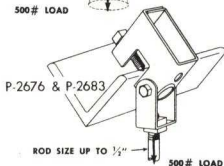
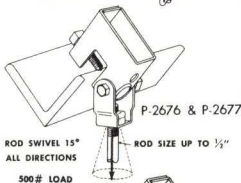
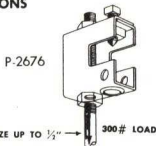
GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1/4"

# fluorescent fixture fittings

5c/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM ATTACHMENTS APPLICATIONS



Clamp P-2676 provides a means of rod suspension where a free swing of up to 15° is required. Clamp will accommodate 1/4", 3/8", or 1/2" rods. Order swivel nuts P-2679-4, -6, and -8 as required. Clamp may also be used with P-2677 or P-2683 as illustrated in application drawings.

Wt. Lbs./C 72

Hanger clevis for up to 1/2" rod suspension from wood ceilings. May also be used with P-2677 or P-2683 as illustrated in application drawings.

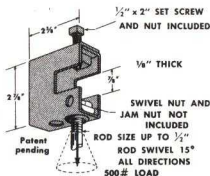
Wt. Lbs./C 32

Swivel nuts are used with P-2676 and P-2677. Order size as required.

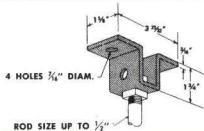
Wt. Lbs./C 30

Clevis hanger to be used with P-2676 or P-2682 to provide angle adjustment for up to 1/2" rod suspension. Order swivel nuts P-2679-4, -6, and -8 as required.

Wt. Lbs./C 31



P-2676

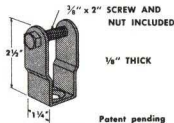


P-2682

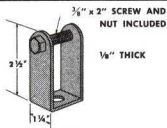


	THRD SIZE	Wt. Lbs./C
P-2679-4	1/4" - 20	4
P-2679-6	3/8" - 16	5
P-2679-8	1/2" - 13	6

P-2679-4, -6, -8



P-2677



P-2683

5c/2

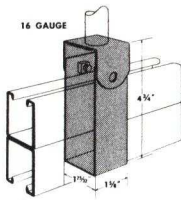
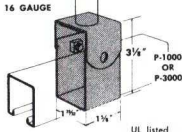
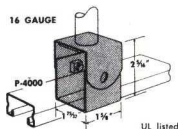
## fluorescent fixture fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-7/8" on center  
 thickness — 1/4"

## "UNISTRUT" HANGER FITTINGS

Hanger fittings are for the suspension of UNISTRUT for raceway and support of fluorescent fixtures.



For 3/8" or 1/2" conduit use P-2336  
 For 3/8" rod or 1/2" conduit use P-2336A

P-2336 33  
 P-2336A 31

Wt.  
Lbs./C

For 3/8" or 1/2" conduit use P-2335  
 For 3/8" rod or 1/2" conduit use P-2335A

P-2335 38  
 P-2335A 36

Wt.  
Lbs./C

For 3/8" or 1/2" conduit use P-2408  
 For 3/8" rod or 1/2" conduit use P-2408A

P-2408 47  
 P-2408A 45

Wt.  
Lbs./C

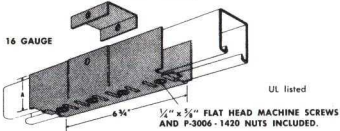
P-2336 &amp; P-2336A

P-2335 &amp; P-2335A

P-2408 &amp; P-2408A

## SPLICE FITTINGS

Splice fittings are for joining UNISTRUT raceway.



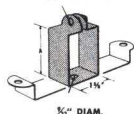
	SPLICE FOR	A	Wt. Lbs./C
U-922	P-1000	1 1/2"	100
	P-1100		
	P-2000		
U-923	P-3000	1 1/2"	97
U-924	P-4000	1 1/2"	80
U-925	P-5500	1 1/2"	103

U-922 thru U-925

## FIXTURE HANGER FITTINGS

Fluorescent hanger fittings provide a means of mounting fixtures to UNISTRUT. They are shipped in the flat and are easily bent to form around the UNISTRUT channel.

1/4" x 1" ROUND HEAD MACHINE SCREWS INCLUDED



3/8" DIAM.

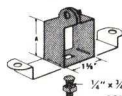
18 GAUGE UL listed

	UNISTRUT CHANNEL SIZE	A	Wt. Lbs./C
P-2537	P-1000	2 1/2"	17
	P-1100		
	P-2000		
	P-3000		
P-5537	P-5500	2 1/2"	20

	UNISTRUT CHANNEL SIZE	A	Wt. Lbs./C
P-2539	P-1000	1 1/2"	17
	P-1100		
	P-2000		
P-3539	P-3000	1 1/2"	15
P-5539	P-5500	2 1/2"	18

Provides 1/2" space between UNISTRUT channel and fixture.

1/4" x 1" ROUND HEAD MACHINE SCREWS INCLUDED



1/4" x 3/4" CARRIAGE BOLT INCLUDED

18 GAUGE UL listed

Provides 1/2" space between UNISTRUT channel and fixture.

P-2537 &amp; P-5537

P-2539, P-3539 &amp; P-5539

**GENERAL DATA**  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
width — 1 7/8" on center  
thickness — 1 5/8"

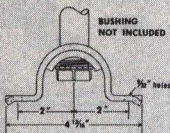
# fluorescent fixture fittings

5c/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

Conduit hanger fittings allow a free swivel of 15° in one direction. Fitting may be mounted to the slot side of the UNISTRUT channel or to the back.

## CONDUIT SWING FITTING

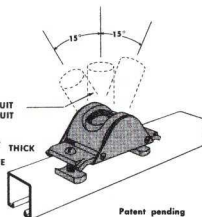


Section thru fitting showing curved nut to provide swivel.

Wt. Lbs./C 96

P-2534-50 FOR 1/2" CONDUIT  
P-2534-75 FOR 3/4" CONDUIT

3/8" THICK  
1/4" x 1" ROUND HEAD MACHINE SCREW AND NUT INCLUDED

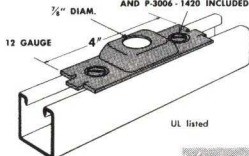


P-2534-50, -75

## 1/2" CONDUIT CONNECTION FITTING

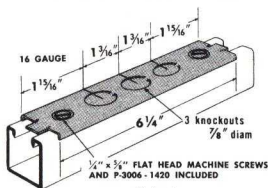
1/2" conduit hanger fitting for rigid attachment to UNISTRUT channel.

1/4" x 3/8" FLAT HEAD MACHINE SCREWS AND P-3006-1420 INCLUDED



Wt. Lbs./C 28 Wt. Lbs./C 35

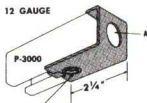
## OUTLET BOX CONNECTION FITTING



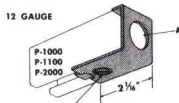
P-2522

P-2535

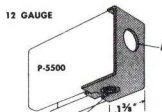
## END CONNECTOR 1/2" AND 3/4" CONDUIT



1/2" x 3/4" FLAT HEAD MACHINE SCREWS AND P-3006-1420 INCLUDED  
UL listed



3/4" x 3/4" FLAT HEAD MACHINE SCREW AND P-3006-1420 INCLUDED  
UL listed



3/4" x 3/4" FLAT HEAD MACHINE SCREWS AND P-3006-1420 INCLUDED  
UL listed

CONDUIT SIZE	Wt. Lbs./C
P-3521-50 1/4"	27

CONDUIT SIZE	Wt. Lbs./C
P-2521-50 1/2"	24
P-2521-75 3/4"	22

CONDUIT SIZE	Wt. Lbs./C
P-5521-50 1/4"	32
P-5521-75 3/4"	30

P-3521-50

P-2521-50 & P-2521-75

P-5521-50 & P-5521-75

5c/4

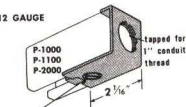
## fluorescent fixture fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1-5/8"  
 thickness — 1/4"

## END CONNECTOR FOR 1" CONDUIT

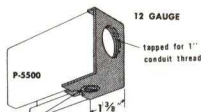
12 GAUGE



1/4" x 3/8" FLAT HEAD MACHINE SCREW  
 AND P-3006 - 1420 INCLUDED

UL listed

	Wt. lbs./C
P-2521-100	24
P-5521-100	28



1/4" x 3/8" FLAT HEAD MACHINE SCREW  
 AND P-3006 - 1420 INCLUDED

UL listed

P-2521-100

P-5521-100

## WIREWAY END CAPS



UL listed

UNISTRUT  
CHANNEL  
SIZEWt.  
lbs./C

P-1180W	P-1100	12
P-1280W	P-1000	11
P-2280W	P-2000	11
P-3280W	P-3000	15
P-4280W	P-4000	5
P-5580W	P-5500	18

Wt. lbs./C 21

1/2" AMER. STD. STRAIGHT PIPE THD.



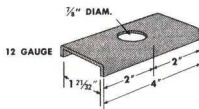
UL listed

Patent pending

P-1180W, P-1280W, P-2280W, P-3280W &amp; P-5580W

P-2540

## SPACER CLEVIS



UL listed

	Wt. lbs./C
P-2541	24
P-2552	0.30

## FIBRE WIRE RETAINER

Fibre retainer may be easily pushed into UNISTRUT channel to support wires until closure strip is installed.

1/8" THICK



P-2541

P-2552



# 1 5/8

## channel width series

### "UNISTRUT" BUILDING ITEMS

#### CONCRETE INSERTS

UNISTRUT concrete inserts are manufactured from standard UNISTRUT sections. They may be installed in floors, walls or ceilings for the support of all kinds of piping, conduit and cable, and other industrial equipment. UNISTRUT nuts can be inserted anywhere along the length of the insert providing a means of attaching fittings or rods. Inserts are available in plain, greenamel or hot dipped galvanized finish.

#### PARTITIONS AND DISPLAY FITTINGS

UNISTRUT parts for partitions are punch press formed from hot rolled pickled and oiled plate or strip steel. The partition moulding (P-2584) is carefully roll formed from zinc bonderized strip steel. Other parts and framing members are available in plain or greenamel finish unless otherwise noted. Other catalogs illustrating details of construction are available on request.

**UNISTRUT**  
*Corporation*

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.

Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

### CHANNELS AND COMBINATIONS

P-1000  
P-1100  
P-2000  
P-3000  
P-4000  
P-5500  
PIERCED  
KNOCKOUTS  
CLOSURE STRIPS  
ENGINEERING DATA

### NUTS AND BOLTS

"UNISTRUT" NUTS  
STUD NUTS  
ST'D SCREWS & NUTS

### GENERAL FITTINGS

FLAT PLATE  
NINETY DEGREE  
ANGULAR  
"Z" SHAPE  
"U" SHAPE  
WING  
POST BASE  
SLOTTED  
TAPPED  
STUD  
SPECIAL APPLICATIONS  
END CAPS  
BRACKETS

### MECHANICAL ACCESSORIES

PIPE CLAMPS  
PIPE SUPPORTS  
BRACKETS, ETC.  
PIPE ROLLERS  
BEAM CLAMPS

### ELECTRICAL ACCESSORIES

FITTINGS  
SWITCH PLATES  
FLUORESCENT  
FIXTURE FITTINGS

### BUILDING ITEMS

CONCRETE INSERTS  
PARTITIONS AND  
DISPLAY FITTINGS



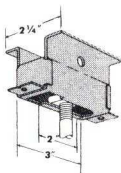
6a/2

## concrete inserts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## GENERAL DATA

hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 1-7/8" on center  
 width — 1-5/8"  
 thickness — 3/4"



The spot type insert is designed for economical installation in concrete when 1/4", 3/8" or 1/2" size attachment or hanger rod is required. Nail holes are provided for nailing to wood forms and V-slots for quick centering.

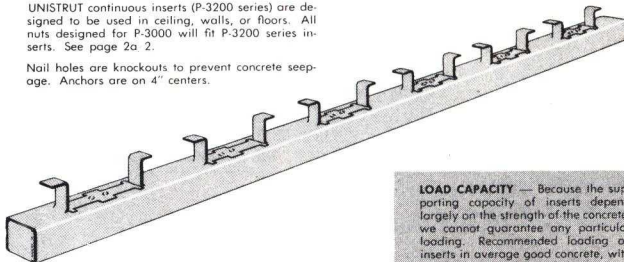
Insert takes standard 1/2" square nut  
 For 1/4" nut order P-3245-N4  
 For 3/8" nut order P-3245-N6

**LOAD CAPACITY** — 1000 lbs in average  
 good concrete with safety factor of 3  
 Wt. Lbs./C 54

## P-3245 SPOT INSERTS

UNISTRUT continuous inserts (P-3200 series) are designed to be used in ceiling, walls, or floors. All nuts designed for P-3000 will fit P-3200 series inserts. See page 2a 2.

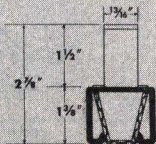
Nail holes are knockouts to prevent concrete seepage. Anchors are on 4" centers.



**LOAD CAPACITY** — Because the supporting capacity of inserts depend largely on the strength of the concrete, we cannot guarantee any particular loading. Recommended loading on inserts in average good concrete, with a safety factor of 3, as follows:  
 P-3249—500 lbs. P-3251—1000 lbs.  
 P-3250—800 lbs. P-3252—1200 lbs.  
 P-3253 through P-3270 —  
 2000 lbs. in each foot of length.

**NOTE:** All insert lengths 1/16" tolerance

	LGTH	Wt. lbs./C		LGTH	Wt. lbs./C		LGTH	Wt. lbs./C
P-3249	3"	85	P-3257	32"	527	P-3264	9'	1741
P-3250	4"	100	P-3257A	36"	616	P-3265	10'	1947
P-3251	6"	130	P-3258	40"	661	P-3266	12'	2334
P-3252	8"	159	P-3259	4'	786	P-3267	14'	2717
P-3253	12"	227	P-3260	5'	1003	P-3268	16'	3116
P-3254	16"	270	P-3261	6'	1173	P-3269	18'	3530
P-3255	20"	357	P-3262	7'	1390	P-3270	20'	3882
P-3256	24"	399	P-3263	8'	1560			



Waxed cardboard filler (P-3712) to keep concrete from flowing into slot is available. Specify if desired.

## P-3249 thru P-3270 CONTINUOUS INSERTS

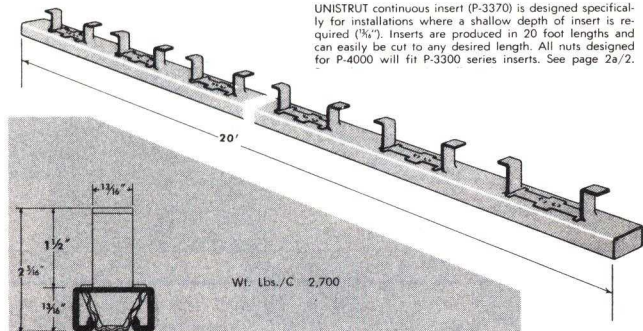
**GENERAL DATA**  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
                   1 7/8" on center  
 width — 1 5/8"  
 thickness — 1/4"

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## concrete inserts

6a/3

UNISTRUT continuous insert (P-3370) is designed specifically for installations where a shallow depth of insert is required (3/4"). Inserts are produced in 20 foot lengths and can easily be cut to any desired length. All nuts designed for P-4000 will fit P-3300 series inserts. See page 2a/2.



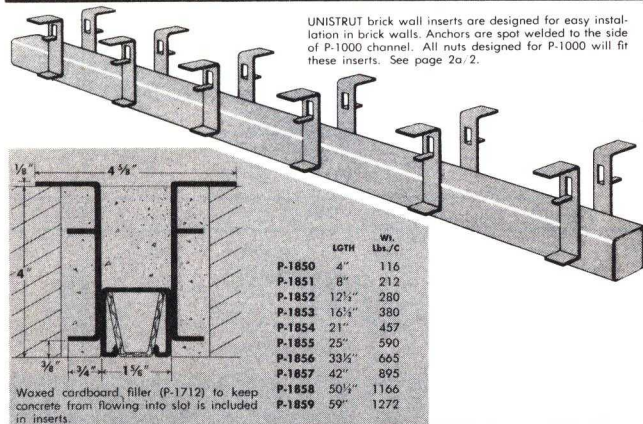
Waxed cardboard filler (P-3312) to keep concrete from flowing into slot is included in insert.

**LOAD CAPACITY**—Recommended loading in average good concrete with a safety factor of 3 is 1500# per foot of insert.

## CONTINUOUS INSERTS

P-3370

UNISTRUT brick wall inserts are designed for easy installation in brick walls. Anchors are spot welded to the side of P-1000 channel. All nuts designed for P-1000 will fit these inserts. See page 2a/2.



## BRICK WALL INSERTS

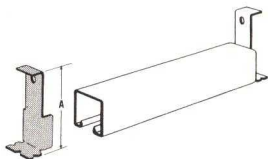
P-1850 thru P-1859

6a/4

## concrete inserts

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 1-7/8" on center  
 width — 1-5/8"  
 thickness — 1/4"

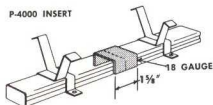


End cap anchors are designed for use with short pieces of UNISTRUT to form concrete inserts.

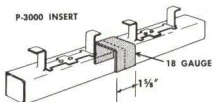
	UNISTRUT CHANNEL SIZE	A	Wt. lbs./C
P-1703	P-1000	2 3/8"	30
P-1704	P-1000	3 1/4"	37
P-3704	P-3000	3"	20
P-4703	P-4000	2 3/4"	27

## P-1703, P-1704, P-3704 &amp; P-4703

P-4000 INSERT



P-3000 INSERT



Parts P-3663 and P-4663 are designed to be used to cover joints between inserts when they are butted end to end.

Wt. Lbs./C 6

P-4663

Wt. Lbs./C 10

P-3663

GENERAL DATA  
hole size — 9/32" diameter  
hole spacing — 13/16" from end  
width — 1-5/8" on center  
thickness — 1/4"

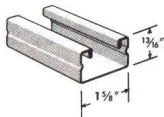
# partition & display fittings

6b/1

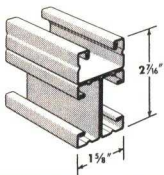
Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

	MATERIAL THICKNESS	STANDARD FINISH	Wt. Lbs./C Ft.
P-4000	.055"	greenamel	85
P-4001	.055"	greenamel	170
P-2000	.055"	greenamel	115
P-4003	.055"	greenamel	255
P-42001-C	.055"	greenamel	200
P-4004	.055"	greenamel	340
P-42002	.055"	greenamel	285

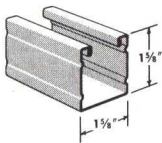
Standard length — 10, 17 and 20 feet



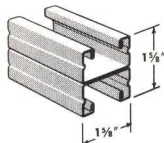
P-4000



P-4003

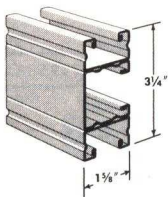


P-2000

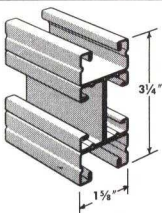


P-4001

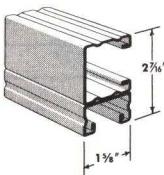
P-2598-4 — 4' 0 3/8" long



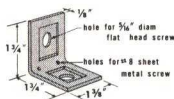
P-42002



P-4004



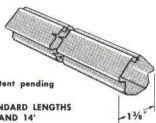
P-42001-C



Standard finish electro-galvanized

Wt. Lbs./C 15

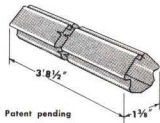
P-2582



Standard finish zinc bandedized

Wt. Lbs./C Ft. 20

P-2584



Standard finish zinc bandedized

Wt. Lbs./C 74

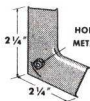
P-2599-4

6b/2

## partition &amp; display fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
 hole size — 9/16" diameter  
 hole spacing — 13/16" from end  
 width — 1 7/8" on center  
 thickness — 1/4"



HOLE FOR #8-32  
METAL TAPPING SCREW

.030" THICK

PANEL THICKNESS	Wt. Lbs./C
P-2571 1/8"	4
P-2573 3/8"	4
P-2575 1/2"	4

Standard finish electro-galvanized

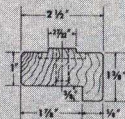
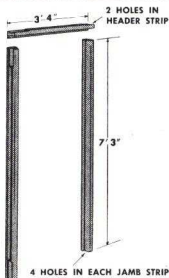
Wt. Lbs./C 7



.040" THICK

P-2571, P-2573, &amp; P-2575

P-2562

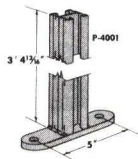


HOLE COUNTERSUNK FOR  
5/16" FLAT HEAD SCREW

P-2581 wood door jamb for  
3' by 7' door, 1 1/2" or 1 3/4" thick.

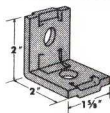
Wt. Lbs./C 800

Wt. Lbs./C 642



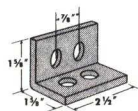
P-2581

P-2586



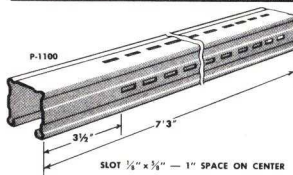
Wt. Lbs./C 40

Wt. Lbs./C 45



P-2626

P-2627



Wt. Lbs./C

1017

Wt. Lbs./C

32



FOR P-1100 CHANNEL

P-2630

P-2641

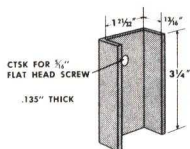


GENERAL DATA  
hole size — 9/16" diameter  
hole spacing — 13/16" from end  
on center  
width — 1-7/8"  
thickness — 1/4"

# partition & display fittings

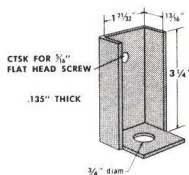
6b/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



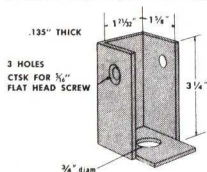
Wt. Lbs./C 34

Wt. Lbs./C 42



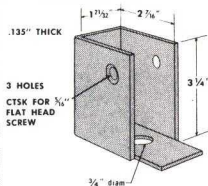
P-2590

P-2591



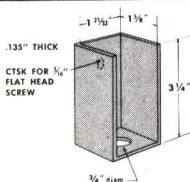
Wt. Lbs./C 62

Wt. Lbs./C 73



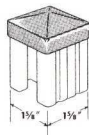
P-2592

P-2593



Wt. Lbs./C 59

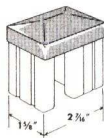
Wt. Lbs./C 12



Standard finish electro-galvanized

P-2594

P-2660



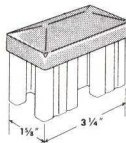
Standard finish electro-galvanized



typical cross section for  
P-2660, P-2661, and P-2662

Wt. Lbs./C 15

Wt. Lbs./C 17



Standard finish electro-galvanized

P-2661

P-2662



# numerical index

## UNISTRUT CHANNELS AND COMBINATIONS

P-1000	1a/2
P-1000-H	1a/14
P-1000-HS	1a/14
P-1000-6KO	1a/15
P-1001	1a/2
P-1001-3	1a/2
P-1001-A	1a/2
P-1001-A3	1a/2
P-1001-B	1a/2
P-1001-B3	1a/2
P-1001-C	1a/2
P-1001-C3	1a/3
P-1001-C31	1a/3
P-1001-C32	1a/3
P-1001-C33	1a/3
P-1001-C4	1a/4
P-1001-C41	1a/4
P-1001-C42	1a/4
P-1001-C43	1a/4
P-1001-D3	1a/3
P-1002	1a/3
P-1003	1a/4
P-1003-1	1a/4
P-1004	1a/5
P-1004-A	1a/5
P-1100	1a/6
P-1100-H	1a/14
P-1100-HS	1a/14
P-1100-6KO	1a/15
P-1101	1a/6
P-1101-3	1a/6
P-1101-A	1a/6
P-1101-B	1a/6
P-1101-B3	1a/6
P-1101-C	1a/6
P-1101-C3	1a/7
P-1101-C4	1a/7
P-1101-D3	1a/7
P-1102	1a/7
P-1103	1a/8
P-1103-1	1a/8
P-1104	1a/8
P-1104-A	1a/8
P-2000	1a/9 & 6b/1
P-2000-H	1a/14
P-2000-HS	1a/14
P-2000-6KO	1a/15
P-2001	1a/9
P-2001-A	1a/9
P-2001-B	1a/9
P-2001-C	1a/9
P-2001-C3	1a/9
P-2001-C4	1a/10
P-2003	1a/10
P-2003-1	1a/10

P-2004	1a/10
P-3000	1a/11
P-3000-H	1a/14
P-3000-HS	1a/14
P-3000-6KO	1a/15

P-3001	1a/11
P-4000	1a/12 & 6b/1
P-4000-H	1a/14
P-4000-HS	1a/14
P-4001	1a/12 & 6b/1

P-4002-1	1a/12
P-4002-2	1a/12
P-4003	1a/12 & 6b/1
P-4004	1a/12 & 6b/1
P-5500	1a/13

P-5500-H	1a/14
P-5500-HS	1a/14
P-5500-6KO	1a/15
P-5501	1a/13
P-42001-C	6b/1

P-42002	6b/1
---------	------

## CLOSURE STRIPS AND MOULDINGS

P-1184	1b/1
P-2584	6b/1
P-3184	1b/1
P-4184-60	1b/1
P-4184-61	1b/1

## UNISTRUT NUTS

P-1006-0832	2a/2
P-1006-1024	2a/2
P-1006-1420	2a/2
P-1007	2a/2
P-1008	2a/2

P-1009	2a/2
P-1010	2a/2
P-1012	2a/2
P-1012-S	2a/2
P-1023	2a/2

P-1023-S	2a/2
P-3006-0832	2a/2
P-3006-1024	2a/2
P-3006-1420	2a/2
P-3007	2a/2

P-3008	2a/2
P-3009	2a/2
P-3010	2a/2
P-3013	2a/2
P-3016-0632	2a/2

P-3016-0832	2a/2
P-3016-1024	2a/2
P-3016-1420	2a/2
P-4006-0832	2a/2
P-4006-1024	2a/2

P-4006-1420	2a/2
P-4007	2a/2
P-4008	2a/2
P-4009	2a/2
P-4010	2a/2

P-4012	2a/2
P-4012-S	2a/2
P-4023	2a/2
P-4023-S	2a/2
P-5506-0832	2a/3

P-5506-1024	2a/3
P-5506-1420	2a/3
P-5507	2a/3
P-5508	2a/3
P-5509	2a/3

P-5510	2a/3
--------	------

## UNISTRUT STUD NUTS

P-2378-1 thru 6	2a/3
P-2379-1 thru 6	2a/3
P-2380-1 thru 8	2a/3
P-2381-1 thru 12	2a/3
P-2382-1 thru 6	2a/3

P-2383-1 thru 6	2a/4
P-2384-1 thru 6	2a/4
P-2385-1 thru 8	2a/4
P-2386-1 thru 12	2a/4
P-2387-1 thru 6	2a/4

P-2388-1 thru 6	2a/4
P-2389-1 thru 6	2a/4
P-2390-1 thru 8	2a/4
P-2391-1 thru 12	2a/4
P-2392-1 thru 6	2a/4

## SCREWS, NUTS AND WASHERS

2b/1	
------	--

## GENERAL FITTINGS

P-1026	3b/1
P-1028	3a/3
P-1029	3b/4
P-1031	3a/3
P-1033	3b/4

P-1034	3b/4
P-1035	3b/4
P-1036	3a/3
P-1037	3b/4
P-1038	3b/4

P-1043A	3e/3
P-1044	3e/1
P-1045	3d/1
P-1046A	3e/5
P-1047	3e/2

P-1048	3e/4 & 4h/2
P-1049	3e/4 & 4h/2
P-1050	3e/4 & 4h/2
P-1054S	4d/2
P-1055	3e/4 & 4h/2

P-1056	3e/4 & 4h/2
P-1057	3e/4 & 4h/2
P-1062	3a/2
P-1063	3a/2
P-1064	3a/2

P-1065	3a/2
P-1066	3a/2
P-1067	3a/2
P-1068	3b/1
P-1069	3b/1

P-1070	3b/2
P-1075	3m/3
P-1109	4a/2
P-1111	4a/2
P-1112	4a/2

P-1113	4a/2
P-1114	4a/2
P-1115	4a/2
P-1117	4a/2
P-1118	4a/2

P-1119	4a/2
P-1120	4a/2
P-1121	4a/2
P-1123	4a/2
P-1124	4a/2

P-1126	4a/2
P-1130	3b/7 & 3h/1
P-1131	3b/7 & 3h/1
P-1180	3l/1
P-1180W	5c/4

P-1186	3c/1
P-1191	3c/2
P-1192	3c/2
P-1201	3e/4 & 3k/1
P-1202	3e/4 & 3k/1

P-1203	3e/4 & 3k/1
P-1204	3e/4 & 3k/1
P-1205	3e/4 & 3k/1
P-1206	3e/4 & 3k/1
P-1207	3e/4 & 3k/1

P-1208	3e/4 & 3k/1
P-1271S	4d/4
P-1272S	4d/3
P-1280	3l/1
P-1280A	3l/1

P-1280W	5c/4
P-1281	3b/1
P-1282	3b/1
P-1283	3b/1
P-1290	3b/5

P-1291	3b/5
P-1315	3b/8 & 3i/1
P-1317	3e/5 & 3i/1
P-1319	3e/5 & 3i/1
P-1320	3e/5 & 3i/1

# numerical index

P-1321	3e/5 & 3i/1	P-1543A thru E	3g/1	P-1730	3d/4 & 3j/1	P-1925	3a/2
P-1325	3b/2	P-1546	3c/1	P-1731	3d/4 & 3j/1	P-1934	3b/3
P-1326	3b/1	P-1563	4a/3	P-1732	3e/5 & 3j/1	P-1935	3j/1 & 3a/6
P-1331	3b/2	P-1564	4a/3	P-1733	3e/5 & 3j/1	P-1936	3j/1 & 3a/6
P-1332	3b/2	P-1565	4a/3	P-1734	3d/4 & 3j/1	P-1941	3a/2
P-1334	3a/4	P-1566	4a/3	P-1735	3d/4 & 3j/1	P-1944	3k/1
P-1346	3b/1	P-1567	4a/3	P-1736	3d/3	P-1945	3b/5
P-1347	3d/2	P-1568	4a/3	P-1737	3e/3	P-1950	3a/5
P-1354	3h/3	P-1569	4a/3	P-1747	3b/7 & 3h/1	P-1951	3b/7
P-1355	3b/8 & 3h/1	P-1570	4a/3	P-1749	3b/7 & 3h/1	P-1952	3b/7
P-1356	3a/4	P-1571	4a/3	P-1750	3b/7 & 3h/1	P-1953	3a/4
P-1357	3b/5	P-1572	4a/3	P-1753	5a/2	P-1954	3b/6
P-1358	3a/4	P-1573	4a/3	P-1754	5a/2	P-1955	3b/6
P-1359	3b/5	P-1579	3b/5	P-1769	3m/1	P-1956	3b/6
P-1363A thru E	3e/1	P-1593	3m/3	P-1770	3m/1	P-1957	3b/6
P-1376	3e/1	P-1601	3m/5 & 5a/3	P-1771	3m/1	P-1958	3b/4
P-1376A	3e/1	P-1602	3m/5 & 5a/3	P-1772	3m/1	P-1959	3j/1 & 3a/6
P-1377	3e/1	P-1603	3m/5 & 5a/3	P-1773	3m/2	P-1960	3j/1
P-1379S	4d/2	P-1604	3m/5 & 5a/3	P-1774	3m/2	P-1961	3j/1 & 3a/6
P-1380	3a/4	P-1619	3a/3	P-1775	3m/2	P-1962	3a/5
P-1380A	3a/4	P-1620	3a/3	P-1776	3m/2	P-1964	3a/2
P-1381	3b/3	P-1623	3b/2	P-1777	3m/2	P-1971	5a/6
P-1382	3b/3	P-1624	3b/2	P-1778	3m/2	P-1972	5a/6
P-1383	3e/2	P-1625	3d/2	P-1779	3m/3	P-1973	3e/1
P-1386	4d/3	P-1626	3d/2	P-1780	3m/3	P-1979	3a/5
P-1425	4a/2	P-1627	3d/3	P-1781	3m/3	P-1983S	4d/4
P-1426	4a/2	P-1628	3d/3	P-1782	3m/3	P-1984S	4d/4
P-1427	4a/2	P-1629	3d/3	P-1796S	4d/3	P-1985S	4d/3
P-1428	4a/2	P-1630	3b/2	P-1797	5a/7 & 3a/6	P-1986S	4d/4
P-1429	4a/2	P-1631	3e/3	P-1798	5a/7 & 3a/6	P-1992	3a/5
P-1430	4a/2	P-1632	3e/3	P-1799	5a/7 & 3a/6	P-1993	3b/6
P-1431	4a/2	P-1648S	4d/2	P-1800	5a/7 & 3a/6	P-2008	4a/4
P-1453	3d/2	P-1649S	4d/2	P-1801	5a/7 & 3a/6	P-2009	4a/4
P-1454	3d/1	P-1649AS	4d/2	P-1802	5a/7 & 3a/6	P-2010	4a/4
P-1455	3e/2	P-1650S	4d/2	P-1821	3b/4	P-2012	4a/4
P-1458	3b/2	P-1650AS	4d/2	P-1822	3b/3	P-2014	4a/4
P-1479	3d/2	P-1651S	4d/2	P-1823	3b/3	P-2016	4a/4
P-1479A thru E	3d/2	P-1651AS	4d/2	P-1834	3e/2	P-2018	4a/4
P-1480	3d/4 & 3h/1	P-1652S	4d/2	P-1834A	3e/2	P-2020	4a/4
P-1481	5a/5	P-1653S	4d/2	P-1843	3k/3	P-2024	4a/2
P-1482	5a/5	P-1654A	4d/2	P-1850	6a/3	P-2025	4a/2
P-1483	5a/5	P-1655A	4d/2	P-1851	6a/3	P-2026	4a/2
P-1484R	5a/6	P-1656A	4d/2	P-1852	6a/3	P-2027	4a/2
P-1484L	5a/6	P-1657A	4d/2	P-1853	6a/3	P-2028	4a/2
P-1485	5a/5	P-1658A	4d/2	P-1854	6a/3	P-2029	4a/2
P-1488	3c/3	P-1659A	4d/2	P-1855	6a/3	P-2030	4a/2
P-1489	3c/3	P-1660A	4d/2	P-1856	6a/3	P-2031	4a/2
P-1498	3b/7 & 3h/1	P-1661A	4d/2	P-1857	6a/3	P-2032	4a/2
P-1499	3b/7 & 3h/1	P-1703	6a/4	P-1858	6a/3	P-2033	4a/2
P-1508	5a/6	P-1704	6a/4	P-1859	6a/3	P-2034	4a/2
P-1509	5a/6	P-1713	3b/7 & 3h/1	P-1873	3a/4	P-2035	4a/2
P-1510	5a/6	P-1723	3b/8 & 3j/1	P-1887	3g/1	P-2037	4a/2
P-1511	5a/6	P-1726	3a/4	P-1917	3b/6	P-2038	4a/2
P-1538A thru D	3b/1	P-1727	3b/5	P-1918	3b/6	P-2039	4a/2
P-1540A thru C	3g/1	P-1728	3b/5	P-1924	3a/2	P-2040	4a/2

# numerical index

P-2042	4a/2	P-2121	3c/1	P-2275	3c/2	P-2341R	3f/1
P-2043	4a/2	P-2122	3c/1	P-2276	3c/2	P-2341L	3f/1
P-2044	4a/2	P-2123	3c/1	P-2277	3c/2	P-2342R	3f/1
P-2046	4a/2	P-2124	3c/1	P-2280	3l/1	P-2342L	3f/1
P-2047	4a/2	P-2125	3c/1	P-2280A	3l/1	P-2343R	3f/1
P-2048	4a/2	P-2126	3c/1	P-2280W	5c/4	P-2343L	3f/1
P-2049	4a/2	P-2127	3c/1	P-2281R	3c/2	P-2344R	3f/2
P-2051	4a/2	P-2128	3c/1	P-2281L	3c/2	P-2344L	3f/2
P-2052	4a/2	P-2129	3c/1	P-2282R	3c/2	P-2345	3f/2
P-2053	4a/2	P-2130	3c/1	P-2282L	3c/2	P-2346	3f/2
P-2055	4a/2	P-2131	3c/1	P-2283R	3c/2	P-2347	3f/2
P-2056	4a/2	P-2218	3a/5	P-2283L	3c/2	P-2348	3f/3
P-2057	4a/2	P-2219	3a/5	P-2284R	3c/2	P-2349	3k/3
P-2059	4a/2	P-2220	3a/5	P-2284L	3c/2	P-2349A	3k/3
P-2060	4a/2	P-2221	3a/5	P-2285R	3c/2	P-2350	3k/3
P-2061	4a/2	P-2222	3d/3	P-2285L	3c/2	P-2350A	3k/3
P-2062	4a/2	P-2223	3f/1	P-2286R	3c/2	P-2351	3k/3
P-2063	4a/2	P-2224	3f/1	P-2286L	3c/2	P-2351A	3k/3
P-2064	4a/2	P-2225	3f/2	P-2287R	3c/3	P-2353	3k/3
P-2065	4a/2	P-2226	3f/3	P-2287L	3c/3	P-2354R	3k/1
P-2066	4a/2	P-2227	3f/2	P-2288R	3c/3	P-2354L	3k/1
P-2067	4a/2	P-2228	3f/2	P-2288L	3c/3	P-2355R	3k/1
P-2068	4a/3	P-2229	3f/2	P-2289R	3c/3	P-2355L	3k/1
P-2069	4a/3	P-2230	3f/3	P-2289L	3c/3	P-2360	3d/1
P-2070	4a/3	P-2231	3m/4	P-2290R	3c/3	P-2378-1 thru 6	2a/3
P-2070-61 thru 84	4a/3	P-2231A	3m/4	P-2290L	3c/3	P-2379-1 thru 6	2a/3
P-2017	3b/3	P-2232	3m/4	P-2291R	3c/3	P-2380-1 thru 8	2a/3
P-2072	3b/3 & 3g/1	P-2232A	3m/4	P-2291L	3c/3	P-2381-1 thru 12	2a/3
P-2072A	3b/3 & 3g/1	P-2233	3m/4	P-2292R	3c/3	P-2382-1 thru 6	2a/3
P-2073	3g/2	P-2233A	3m/4	P-2292L	3c/3	P-2383-1 thru 6	2a/4
P-2073A	3g/2	P-2234	3m/4	P-2293	3c/3	P-2384-1 thru 6	2a/4
P-2076	3g/2	P-2234A	3m/4	P-2294	3c/3	P-2385-1 thru 8	2a/4
P-2076A	3g/2	P-2235	3b/6	P-2295	3c/3	P-2386-1 thru 12	2a/4
P-2079	3a/3	P-2236	3k/3	P-2296	3c/3	P-2387-1 thru 6	2a/4
P-2084	3f/3 & 3g/2	P-2237	3e/2	P-2297	3c/3	P-2388-1 thru 6	2a/4
P-2087	3b/3	P-2243	4a/4	P-2298	3c/3	P-2389-1 thru 6	2a/4
P-2088	3b/3	P-2244-20 thru 80	4b/1	P-2299	3c/3	P-2390-1 thru 8	2a/4
P-2094	3c/1	P-2245	3f/3	P-2300	3c/3	P-2391-1 thru 12	2a/4
P-2095	3c/1	P-2245A	3f/3	P-2301	3c/3	P-2392-1 thru 6	2a/4
P-2096	3c/1	P-2247-10 thru 60	4a/4	P-2302	3c/3	P-2398S	4d/2
P-2097	3c/1	P-2260	3c/1	P-2303	3c/3	P-2399S	4d/2
P-2098	3c/1	P-2261	3c/1	P-2304	3c/3	P-2400S	4d/2
P-2099	3c/1	P-2262	3c/1	P-2324	3a/3	P-2401S	4d/2
P-2100	3c/1	P-2263	3c/1	P-2325	3a/3	P-2402S	4d/2
P-2101	3c/1	P-2264	3c/1	P-2326	3e/3	P-2403S	4d/2
P-2102	3c/1	P-2265	3c/1	P-2327	3d/3	P-2404S	4d/2
P-2103	3c/1	P-2266	3c/1	P-2328	3e/4	P-2405S	4d/2
P-2104	3c/1	P-2267	3c/1	P-2329	3e/3	P-2406S	4d/2
P-2105	3c/1	P-2268	3c/1	P-2330	3d/3	P-2407	3l/1
P-2106	3c/1	P-2269	3c/1	P-2331	3e/4	P-2408	5c/2
P-2107	3c/1	P-2270	3c/1	P-2332	3e/4	P-2408A	5c/2
P-2108	3c/1	P-2271	3c/2	P-2335	5c/2	P-2452	3c/3
P-2109	3c/1	P-2272	3c/2	P-2335A	5c/2	P-2453	3g/2
P-2110	3c/1	P-2273	3c/2	P-2336	5c/2	P-2454	3k/1
P-2120	3d/1	P-2274	3c/2	P-2336A	5c/2	P-2456-12	5a/4

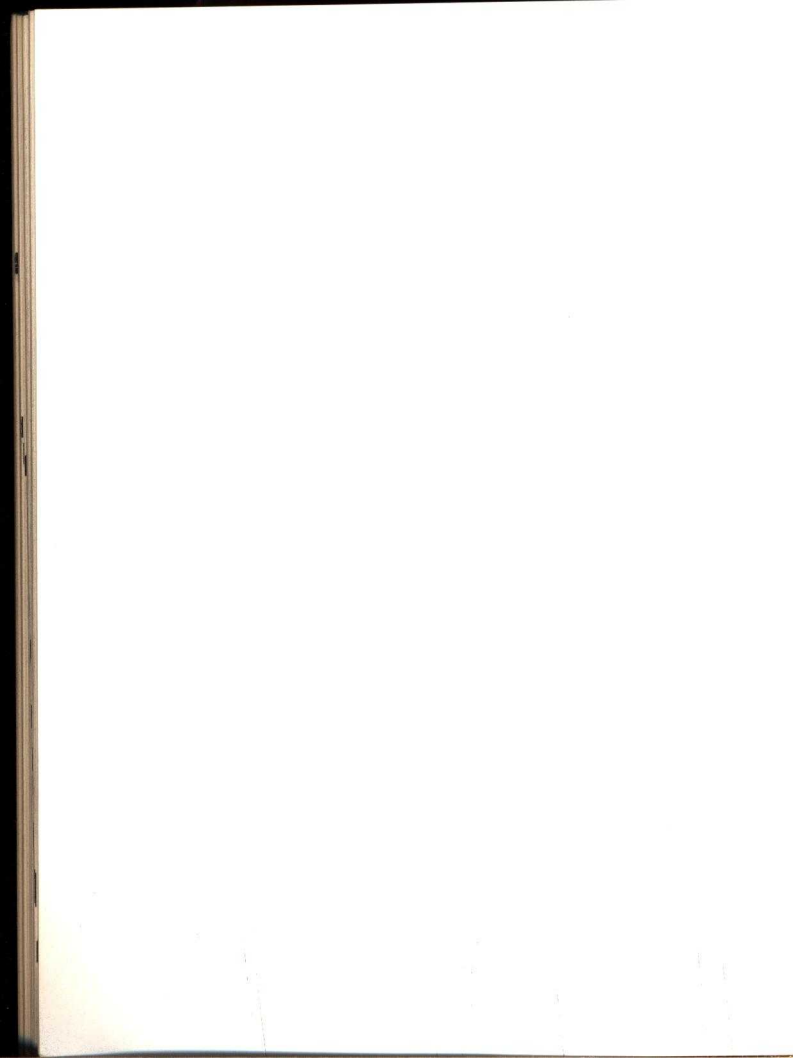


# numerical index

P-2456-18	5a/4	P-2545	3m/5	P-3255	6a/2	P-5521-75	5c/3
P-2457-12	5a/4	P-2546	3m/5	P-3256	6a/2	P-5521-100	5c/4
P-2457-18	5a/4	P-2552	5c/4	P-3257	6a/2	P-5537	5c/2
P-2469	3d/2	P-2554	3m/5 & 5a/4	P-3257A	6a/2	P-5539	5c/2
P-2470-50	3k/1	P-2555	3m/5 & 5a/4	P-3258	6a/2	P-5545	3d/2
P-2470-75	3k/1	P-2556	3m/5 & 5a/4	P-3259	6a/2	P-5547	3e/2
P-2470-100	3k/1	P-2558-5 thru 60	4a/4	P-3260	6a/2	P-5560	3d/1
P-2471	3a/2	P-2562	6b/2	P-3261	6a/2	P-5580	3l/1
P-2472	3f/2	P-2571	6b/2	P-3262	6a/2	P-5580W	5c/4
P-2473	3e/3	P-2573	6b/2	P-3263	6a/2	P-5796S	4d/3
P-2474	4c/1	P-2575	6b/2	P-3264	6a/2	P-46026	3k/4
P-2474-1 thru 4	4c/1	P-2581	6b/2	P-3265	6a/2	P-46045	3k/4
P-2475	4c/1	P-2582	6b/1	P-3266	6a/2	P-46065	3k/4
P-2476	4c/2	P-2586	6b/2	P-3267	6a/2	P-46066	3k/4
P-2480	3k/3	P-2590	6b/3	P-3268	6a/2	P-46072	3k/4
P-2481	4b/1	P-2591	6b/3	P-3269	6a/2	U-76	4d/3
P-2482	4b/1	P-2592	6b/3	P-3270	6a/2	U-77	4d/3
P-2491 R & L	3m/1	P-2593	6b/3	P-3280	3l/1	U-78	4d/3
P-2492 R & L	3m/1	P-2594	6b/3	P-3280W	5c/4	U-79	4d/3
P-2393 R & L	3m/1	P-2598-4	6b/1	P-3370	6a/3	U-80	4d/3
P-2494 R & L	3m/1	P-2599-4	6b/1	P-3521-50	5c/3	U-81	4d/3
P-2495 R & L	3m/1	P-2626	6b/2 & 3b/1	P-3539	5c/2	U-318	4d/4
P-2496 R & L	3m/1	P-2627	6b/2	P-3663	6a/4	U-371	5a/3
P-2497 R & L	3m/1	P-2630	6b/2	P-3704	6a/4	U-372	5a/3
P-2498 R & L	3m/1	P-2641	6b/2 & 3l/1	P-3796S	4d/3	U-373	5a/3
P-2499R & L	3m/1	P-2644-20 thru 80	4b/2	P-4043	3e/3	U-374	5a/3
P-2500R & L	3m/1	P-2645-A thru H	5a/2	P-4044	3e/1	U-375	5a/3
P-2501R & L	3m/1	P-2646-A thru F	5a/5	P-4045	3d/1	U-376	5a/3
P-2502R & L	3m/1	P-2647-A thru F	5a/5	P-4047	3e/2	U-377	5a/3
P-2503R & L	3m/1	P-2648-A thru F	5a/5	P-4048	3e/4 & 3h/1	U-378	5a/3
P-2513	3m/4	P-2649-A thru H	5a/2	P-4049	3e/4 & 3h/1	U-462A	5a/3
P-2513A	3m/4	P-2655	3k/1	P-4050	3e/4 & 3h/1	U-462B	5a/3
P-2514	3m/4	P-2660	6b/3	P-4075	3m/3	U-462C	5a/3
P-2514A	3m/4	P-2661	6b/3	P-4120	3d/1	U-463	5a/3
P-2515	3m/4	P-2662	6b/3	P-4271S	4d/4	U-463A	5a/3
P-2515A	3m/4	P-2674	4d/1	P-4280	3l/1	U-463B	5a/3
P-2516	3m/4	P-2675	4d/1	P-4320	3e/5 & 3i/1	U-463C	5a/3
P-2516A	3m/4	P-2676	5c/1 & 4d/1	P-4347	3d/1	U-464	5a/3
P-2521-50	5c/3	P-2677	5c/1	P-4349A	3k/2	U-464A	5a/3
P-2521-75	5c/3	P-2679-4	5c/1 & 4d/1	P-4350A	3k/2	U-464B	5a/3
P-2521-100	5c/4	P-2679-6	5c/1 & 4d/1	P-4350B	3k/2	U-464C	5a/3
P-2522	5c/3	P-2679-8	5c/1 & 4d/1	P-4351A	3k/2	U-465	5a/3
P-2530, D	5b/2	P-2682	5c/1	P-4360	3d/1	U-465A	5a/3
P-2530A, D	5b/1	P-2683	5c/1 & 4d/1	P-4376	3e/1	U-465B	5a/3
P-2531, D	5b/1	P-3045	3d/2	P-4376A	3e/1	U-465C	5a/3
P-2534-50	5c/3	P-3047	3e/2	P-4377	3e/1	U-466	5a/3
P-2534-75	5c/3	P-3245	6a/2	P-4383	3e/2	U-466A	5a/3
P-2535	5c/3	P-3245-N4	6a/2	P-4480	3d/4 & 3h/1	U-466B	5a/3
P-2537	5c/2	P-3245-N6	6a/2	P-4543A	3g/1	U-466C	5a/3
P-2539	5c/2	P-3249	6a/2	P-4543B	3g/1	U-467	5a/3
P-2540	5c/4	P-3250	6a/2	P-4663	6a/4	U-467A	5a/3
P-2541	5c/4	P-3251	6a/2	P-4703	6a/4	U-467B	5a/3
P-2542	3m/5	P-3252	6a/2	P-4796S	4d/3	U-467C	5a/3
P-2543	3m/5	P-3253	6a/2	P-5520	3d/1	U-468	5a/3
P-2544	3m/5	P-3254	6a/2	P-5521-50	5c/3	U-468A	5a/3

# numerical index

U-468B	5a/3	U-763	4a/5
U-468C	5a/3	U-764	4a/5
U-469	5a/3	U-765	4a/5
U-469A	5a/3	U-766	4a/5
U-469B	5a/3	U-767	4a/5
U-469C	5a/3	U-768	4a/5
U-470	5a/3	U-769	4a/5
U-470A	5a/3	U-770	4a/5
U-470B	5a/3	U-771	4a/5
U-717	4a/5	U-772	4a/5
U-718	4a/5	U-773	4a/5
U-719	4a/5	U-774	4a/5
U-720	4a/5	U-775	4a/5
U-721	4a/5	U-776	4a/5
U-722	4a/5	U-777	4a/5
U-723	4a/5	U-778	4a/5
U-724	4a/5	U-779	4a/5
U-725	4a/5	U-780	4a/5
U-726	4a/5	U-781	4a/5
U-727	4a/5	U-782	4a/5
U-728	4a/5	U-783	4a/5
U-729	4a/5	U-784	4a/5
U-730	4a/5	U-785	4a/5
U-731	4a/5	U-786	4a/5
U-732	4a/5	U-787	4a/5
U-733	4a/5	U-788	4a/5
U-734	4a/5	U-789	4a/5
U-735	4a/5	U-790	4a/5
U-736	4a/5	U-791	4a/5
U-737	4a/5	U-792	4a/5
U-738	4a/5	U-793	4a/5
U-739	4a/5	U-813-7 thru 80	4a/5
U-740	4a/5	U-814-7 thru 80	4a/6
U-741	4a/5	U-922	5c/2
U-742	4a/5	U-923	5c/2
U-743	4a/5	U-924	5c/2
U-744	4a/5	U-925	5c/2
U-745	4a/5	U-991-7 thru 80	4a/6
U-746	4a/5		
U-747	4a/5		
U-748	4a/5		
U-749	4a/5		
U-750	4a/5		
U-751	4a/5		
U-752	4a/5		
U-753	4a/5		
U-754	4a/5		
U-755	4a/5		
U-756	4a/5		
U-757	4a/5		
U-758	4a/5		
U-759	4a/5		
U-760	4a/5		
U-761	4a/5		
U-762	4a/5		



1 1/4

## channel width series

**"UNISTRUT" CHANNELS AND COMBINATIONS****MATERIAL AND FINISHES**

All single UNISTRUT members in the 1 1/4" series are accurately and carefully rolled from mild strip steel. All multiple members are two or more standard UNISTRUT members spot welded approximately 2" to 3" on center. All channels are available in plain or greenamel finish.

**MATERIAL THICKNESS**

A-1000 — .075"

A-4000 — .040"

A-5000 — .075"

**STANDARD LENGTHS**

Standard lengths are as follows:

A-1000 and combinations — 10 and 20 feet

A-4000 and combinations — 8 and 16 feet

A-5000 and combinations — 10 and 20 feet

Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus 1/8".

**"UNISTRUT" NUTS AND BOLTS****MATERIAL AND FINISHES**

UNISTRUT nuts for the 1 1/4" series are manufactured from mild steel bars and are thoroughly cyanide hardened. Hardening assures positive biting action into the returned edge of the UNISTRUT. Nuts and bolts are available in plain or electro-galvanized finish.

**THREADS**

All threads on the nuts and bolts are Unified and American screw threads.

**"UNISTRUT" FITTINGS****MATERIAL AND FINISHES**

Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled plate or strip steel. They are available in plain or greenamel finish.

**STANDARD DIMENSIONS**

The following dimensions apply to all fittings except as noted on the parts drawings:

Hole size	—	1 1/8" diameter
Hole spacing	—	3/4" from end of fitting
	—	1 1/4" center to center
Fitting width	—	1 1/4"
Fitting thickness	—	3/4"

**UNISTRUT**  
Corporation

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 456640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.

Other patents pending.

The word "UNISTRUT" is a registered trade mark.

## index

CHANNELS AND COMBINATIONS

A-1000

A-5000

A-4000

ENGINEERING DATA

"UNISTRUT" NUTS

END CAPS AND CLOSURE STRIP

GENERAL FITTINGS

FLAT PLATE

NINETY DEGREE

ANGULAR

"Z" SHAPE

WING

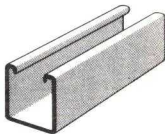
"U" SHAPE

BRACKETS

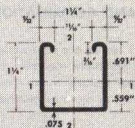
1a/2

**A-1000 & A-5000 channels & combinations**

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

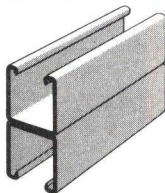
**A-1000**

Wt. Lbs./C Fr. 110

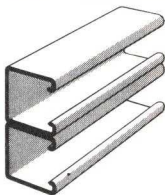
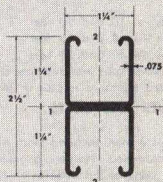
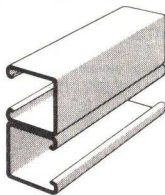
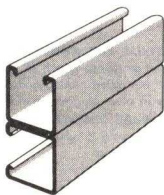


A-1000 channel and combinations are roll formed from 14 gauge (.075 thick) strip steel.

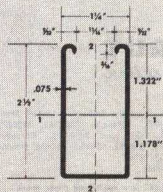
Standard lengths 10 and 20 feet.

**A-1001**

Wt. Lbs./C Fr. 220

**A-1001-A****A-1001-B****A-1001-C****A-5000**

Wt. Lbs./C Fr. 170



A-5000 channel combination is roll formed from 14 gauge (.075 thick) strip steel.

Standard lengths 10 and 20 feet.

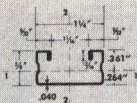


# A-4000 channel & combinations 1a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

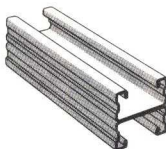
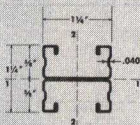
A-4000 channel and combinations are roll formed from .040 thick strip steel.

Standard lengths 8 and 16 feet.



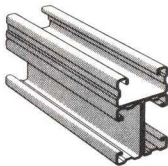
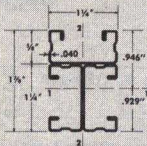
Wt. Lbs./C Ft. 50

A-4000



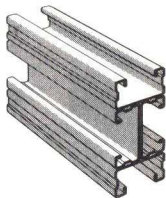
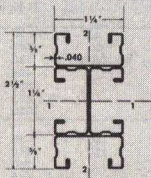
Wt. Lbs./C Ft. 100

A-4001



Wt. Lbs./C Ft. 150

A-4003



Wt. Lbs./C Ft. 200

A-4004

# 1b/1 engineering data- channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

**Stress 25,000 #/sq. in.** — Recommended for use where deflection is not a factor on long spans.

**Deflection 1/180 span** — Recommended for use generally to avoid undue deflections.

**Deflection 1/360 span** — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	A-4000	245	.08	160	1,500	
	A-4001	660	.04		4,100	
	A-1000	1000	.04		5,800	
	A-4003					
	A-4004					
	A-1001					
24"	A-5000					
	A-4000	185	.14	180	90	1,100
	A-4001	500	.08		420	3,400
	A-1000	750	.07		680	4,600
	A-4003					
	A-4004					
30"	A-1001	2085	.04			11,500
	A-5000	2285	.04			5,200
	A-4000	145	.21	110	55	880
	A-4001	400	.12		270	2,800
	A-1000	600	.11		440	4,000
	A-4003	1025	.08			5,000
36"	A-4004					
	A-1001	1665	.06			10,600
	A-5000	1825	.06			4,400
	A-4000	120	.31	80	40	680
	A-4001	330	.18		180	2,400
	A-1000	500	.16		310	3,200
42"	A-4003	855	.12		720	4,000
	A-4004					
	A-1001	1390	.09			9,000
	A-5000	1520	.08			3,600
	A-4000	105	.42	60	30	500
	A-4001	285	.24	260	130	2,000
48"	A-1000	430	.22		225	2,700
	A-4003	735	.16		530	3,200
	A-4004					
	A-1001	1190	.12		1140	8,000
	A-5000	1305	.11			3,200
	A-4000	90	.55	40	20	400
60"	A-4001	250	.31	200	100	1,700
	A-1000	375	.29	340	170	2,350
	A-4003	640	.21		405	2,600
	A-4004	1015	.16		855	4,000
	A-1001	1040	.16		865	6,800
	A-5000	1140	.15		1020	2,600
	A-4000					
	A-4001	200	.50	140	70	1,200
	A-1000	300	.45	220	110	1,700
	A-4003	515	.33		260	1,900
	A-4004	815	.25		545	2,900
	A-1001	835	.25		555	5,200
60"	A-5000	915	.23		655	1,800

# channel & combinations - engineering data 1b/2

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
72"	A-4000					
	A-4001					900
	A-1000	250	.65	150	75	1,000
	A-4003	430	.47	360	180	1,400
	A-4004	675	.36		375	2,200
	A-1001	700	.36		390	4,000
	A-5000	760	.34		455	1,400
84"	A-4000					
	A-4001					
	A-1000					
	A-4003	365	.65	260	130	1,000
	A-4004	580	.49	550	275	1,600
	A-1001	595	.49	560	280	3,200
	A-5000	650	.46		335	1,000
96"	A-4000					
	A-4001					
	A-1000					
	A-4003	320	.84	200	100	
	A-4004	510	.64	420	210	1,200
	A-1001	520	.64	430	215	2,400
	A-5000	570	.60	510	255	700
120"	A-4000					
	A-4001					
	A-1000					
	A-4003	255	1.32	130	65	
	A-4004	405	1.00	270	135	
	A-1001	415	1.00	280	140	
	A-5000	455	.93	330	165	

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
A-4000	.50	.137	.008	.024	.242	.031	.050	.476
A-4001	1.00	.274	.038	.060	.360	.062	.100	.470
A-1000	1.10	.310	.062	.090	.450	.081	.130	.511
A-4003	1.50	.41	.146	.154	.593	.069	.110	.410
A-4004	2.00	.548	.305	.244	.742	.100	.160	.427
A-1001	2.20	.620	.312	.250	.710	.162	.260	.511
A-5000	1.70	.498	.368	.274	.860	.158	.253	.563

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

### Strength of A-1008 Nuts used in A-1000 and A-5000

Resistance to Slip — 500 Lbs. per bolt

Pull Out Strength — 900 Lbs. per bolt

Safety Factor of 3

### Strength of A-4008 Nuts used in A-4000

Resistance to Slip — 400 Lbs. per bolt

Pull Out Strength — 300 Lbs. per bolt

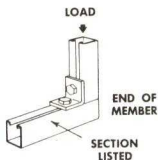
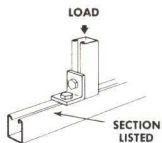
Safety Factor of 3

1b/3

## engineering data

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

Load data for 'UNISTRUT' sections subject to crushing loads.



SECTION	RECOMMENDED LOAD IN LBS.*
A-1000	3000
A-4000	1400
A-5000	2500

\*Safety factor — 2½

SECTION	RECOMMENDED LOAD IN LBS.*
A-1000	2000
A-4000	1000
A-5000	1800

\*Safety factor — 2½

# "unistrut" nuts

2a/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-4006-0832	#8	32	5
A-4006-1024	#10	24	5
A-4006-1032	#10	32	5
A-4006-1420	1/4"	20	5
A-4007	3/8"	18	5
A-4008	3/4"	16	5

## WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-5006-0832	#8	32	6
A-5006-1024	#10	24	6
A-5006-1032	#10	32	6
A-5006-1420	1/4"	20	6
A-5007	3/8"	18	6
A-5008	3/4"	16	6

## WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
A-1006-0832	#8	32	6
A-1006-1024	#10	24	6
A-1006-1032	#10	32	6
A-1006-1420	1/4"	20	6
A-1007	3/8"	18	6
A-1008	3/4"	16	6

"UNISTRUT" NUTS for A-1000, A-4000 & A-5000 channels

# channel end caps & closure strip

2b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



FOR A-1000 CHANNEL



FOR A-1280 CHANNEL



FOR A-4000 CHANNEL



FOR A-5000 CHANNEL

Wt. Lbs./C 21

Wt. Lbs./C 7

Wt. Lbs./C 3

Wt. Lbs./C 14

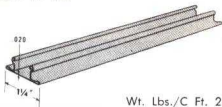
A-2641

A-1280

A-4280

A-5280

Standard length 10 feet



Wt. Lbs./C Ft. 21

A-1184



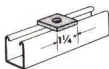
# 3/1

## general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

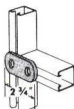
**GENERAL DATA**  
hole size — 13/32" diameter  
hole spacing — 5/8" from end  
width — 1 1/2" on center  
thickness — 3/16"

### flat plate fittings



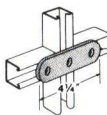
Wt. Lbs./C 8

**A-1063**



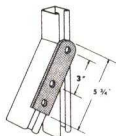
Wt. Lbs./C 17

**A-1065**



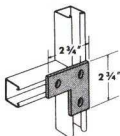
Wt. Lbs./C 26

**A-1066**



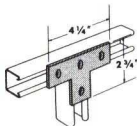
Wt. Lbs./C 39

**A-2324**



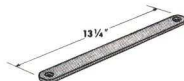
Wt. Lbs./C 27

**A-1036**



Wt. Lbs./C 34

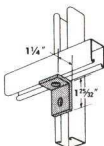
**A-1031**



Wt. Lbs./C 87

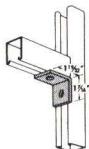
**A-1191**

### ninety degree fittings



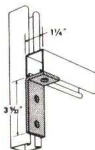
Wt. Lbs./C 17

**A-1068**



Wt. Lbs./C 17

**A-1026**



Wt. Lbs./C 27

**A-1326**

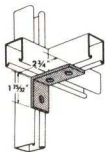
**GENERAL DATA**

hole size — 33/32" diameter  
hole spacing — 5/8" from end  
1-1/2" on center  
width — 1-1/4"  
thickness — 3/16"

# general fittings

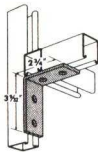
3/2

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



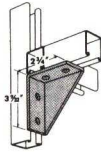
Wt. Lbs./C 27

**A-1458**



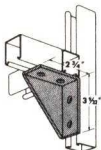
Wt. Lbs./C 38

**A-1325**



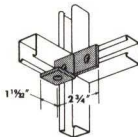
Wt. Lbs./C 75

**A-1331**



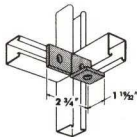
Wt. Lbs./C 75

**A-1332**



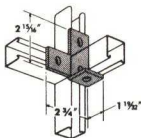
Wt. Lbs./C 30

**A-1038**



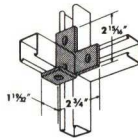
Wt. Lbs./C 30

**A-1037**



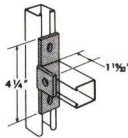
Wt. Lbs./C 34

**A-1034**



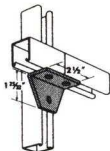
Wt. Lbs./C 34

**A-1035**



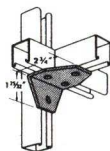
Wt. Lbs./C 34

**A-1033**



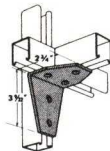
Wt. Lbs./C 30

A-1357



Wt. Lbs./C 44

A-1579



Wt. Lbs./C 59

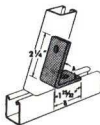
A-2235

## angular fittings



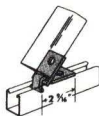
	A	B
A-2125	52 1/2"	1 1/2"
A-2126	45°	1 1/4"
A-2127	37 1/2"	1 3/8"
Wt. Lbs./C	17	

A-2125 thru A-2127



	A	B
A-2109	52 1/2"	2 1/4"
A-2110	45°	2 1/8"
A-2111	37 1/2"	2 3/8"
Wt. Lbs./C	23	

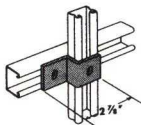
A-2109 thru A-2111



Wt. Lbs./C 29

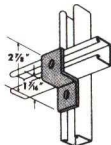
A-1186

## "Z" shape fittings



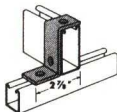
Wt. Lbs./C 21

A-4045



Wt. Lbs./C 25

A-1045



Wt. Lbs./C 33

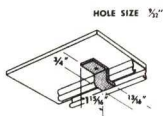
A-5045

GENERAL DATA  
 hole size — 13/32" diameter  
 hole spacing — 5/8" from end  
 width — 1-1/2" on center  
 thickness — 3/16"

# general fittings

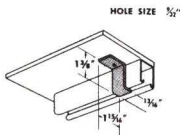
3/4

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



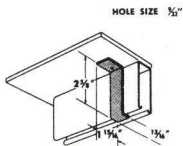
Wt. Lbs./C 7

**A-4120**



Wt. Lbs./C 9

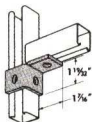
**A-2120**



Wt. Lbs./C 33

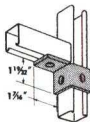
**A-5120**

## wing shape fittings



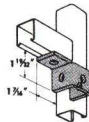
Wt. Lbs./C 20

**A-2341R**



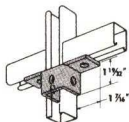
Wt. Lbs./C 20

**A-2341L**



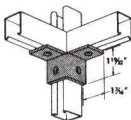
Wt. Lbs./C 33

**A-2472**



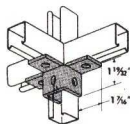
Wt. Lbs./C 41

**A-2345**



Wt. Lbs./C 26

**A-2223**



Wt. Lbs./C 88

**A-2227**

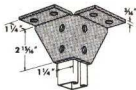
3/5

# general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

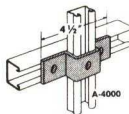
GENERAL DATA  
hole size — 13/32" diameter  
hole spacing — 5/8" from end  
width — 1 1/2" on center  
thickness — 3/16"

## "U" shape fittings



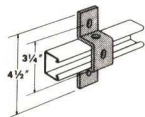
Wt. lbs./C 90

A-2084



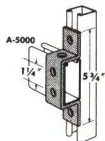
Wt. lbs./C 34

A-4047



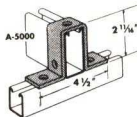
Wt. lbs./C 43

A-1047



Wt. lbs./C 50

A-5043



Wt. lbs./C 58

A-5047



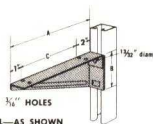
**GENERAL DATA**  
hole size — 13/32" diameter  
hole spacing — 5/8" from end  
width — 1-1/2" on center  
thickness — 3/16"

# general fittings

3/6

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## brackets

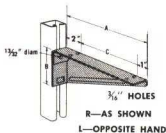


L—AS SHOWN  
R—OPPOSITE HAND

	A	B	C	Wt. Lbs./C
A-2491R-L	6"	2"	3"	38
A-2492R-L	8"	2 1/4"	5"	56
A-2493R-L	10"	3"	7"	73

### DESIGN UNIFORM LOAD ON BRACKETS

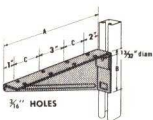
A-2491R-L thru A-2497R-L	
A-1000	200#
A-4000	130#



R—AS SHOWN  
L—OPPOSITE HAND

## A-2491L thru A-2493L

## A-2491R thru A-2493R

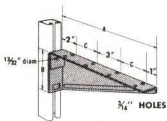


L—AS SHOWN  
R—OPPOSITE HAND

	A	B	C	Wt. Lbs./C
A-2494R-L	12"	3 1/2"	3"	94
A-2495R-L	14"	4"	4"	105
A-2496R-L	16"	4 1/2"	5"	145
A-2497R-L	18"	5"	6"	175

### DESIGN UNIFORM LOAD ON BRACKETS

A-2491R-L thru A-2497R-L	
A-1000	200#
A-4000	130#



R—AS SHOWN  
L—OPPOSITE

## A-2494L thru A-2497L

## A-2494R thru A-2497R



# numerical index

## UNISTRUT CHANNELS AND COMBINATIONS

A-1000	1a/2
A-1001	1a/2
A-1001-A	1a/2
A-1001-B	1a/2
A-1001-C	1a/2
A-4000	1a/3
A-4001	1a/3
A-4003	1a/3
A-4004	1a/3
A-5000	1a/2

## CLOSURE STRIPS

A-1184	2a/1
--------	------

## UNISTRUT NUTS

A-1006-0832	2a/1
A-1006-1024	2a/1
A-1006-1032	2a/1
A-1006-1420	2a/1
A-1007	2a/1
A-1008	2a/1
A-4006-0832	2a/1
A-4006-1024	2a/1
A-4006-1032	2a/1
A-4006-1420	2a/1
A-4007	2a/1
A-4008	2a/1
A-5006-0832	2a/1
A-5006-1024	2a/1
A-5006-1032	2a/1
A-5006-1420	2a/1
A-5007	2a/1
A-5008	2a/1

## GENERAL FITTINGS

A-1026	3/1
A-1031	3/1
A-1033	3/2
A-1034	3/2
A-1035	3/2
A-1036	3/1
A-1037	3/2
A-1038	3/2
A-1045	3/3
A-1047	3/5
A-1063	3/1
A-1065	3/1
A-1066	3/1
A-1068	3/1
A-1186	3/3
A-1191	3/1
A-1280	2b/1
A-1325	3/2
A-1326	3/1
A-1331	3/2

A-1332	3/2
A-1357	3/3
A-1458	3/2
A-1579	3/3
A-2084	3/5
A-2109	3/3
A-2110	3/3
A-2111	3/3
A-2120	3/4
A-2125	3/3
A-2126	3/3
A-2127	3/3
A-2223	3/4
A-2227	3/4
A-2235	3/3
A-2324	3/1
A-2341R	3/4
A-2341L	3/4
A-2345	3/4
A-2472	3/4
A-2491L	3/6
A-2491R	3/6
A-2492L	3/6
A-2492R	3/6
A-2493L	3/6
A-2493R	3/6
A-2494L	3/6
A-2494R	3/6
A-2495L	3/6
A-2495R	3/6
A-2496L	3/6
A-2496R	3/6
A-2497L	3/6
A-2497R	3/6
A-2641	2b/1

A-4045	3/3
A-4047	3/5
A-4120	3/4
A-4280	2b/1
A-5043	3/5
A-5045	3/3
A-5047	3/5
A-5120	3/4
A-5280	2b/1



**"UNISTRUT" CHANNELS AND COMBINATIONS****MATERIAL AND FINISHES**

All single UNISTRUT members in the  $\frac{13}{16}$ " series are accurately and carefully rolled from .040" thick mild strip steel. All multiple members are two or more standard UNISTRUT members spot welded approximately 2" to 3" on center. All channels are available in plain or greenamel finish.

**STANDARD LENGTHS**

P-6000 and combinations — 8 and 16 feet

P-7000 and combinations — 10 feet

Facilities are available to cut standard lengths into any special lengths for a small cutting charge. Standard tolerance is plus or minus  $\frac{1}{16}$ ".

**"UNISTRUT" NUTS AND BOLTS****MATERIAL AND FINISHES**

UNISTRUT nuts for the  $\frac{13}{16}$ " series are manufactured from mild steel strip and are cyanide hardened. Hardening assures positive biting action into the inturred edge of the UNISTRUT. Nuts and bolts are available in plain or electro-galvanized finish.

**THREADS**

All threads on the nuts and bolts are Unified and American screw threads.

**"UNISTRUT" FITTINGS****MATERIAL AND FINISHES**

Unless otherwise noted, all UNISTRUT fittings are punch press formed from hot rolled pickled and oiled strip or sheet steel. They are available in plain or electro-galvanized finish.

**STANDARD DIMENSIONS**

The following dimensions apply to all fittings except as noted on the parts drawings:

Hole size	—	$\frac{3}{8}$ "
Hole spacing	—	$\frac{3}{32}$ " from end of fitting
	—	$1\frac{1}{8}$ " center to center
Fitting width	—	$\frac{13}{16}$ "
Fitting thickness	—	$\frac{3}{8}$ "

**UNISTRUT**  
Corporation

UNISTRUT is covered by the following United States Patents: 2327587, 2329815, 2345650, 2363382, 2380379, 2405631, 2541908, 2674431, and 2696139. Canadian Patents: 454759, 455640, 468582, 484405, 484406, 506364, 521162, 524699, and 537066.

Other patents pending.

The word "UNISTRUT" is a registered trade mark.

**index**

CHANNELS AND COMBINATIONS

P-6000

P-7000

ENGINEERING DATA

"UNISTRUT" NUTS

END CAPS AND  
CLOSURE STRIP

FLAT PLATE

NINETY DEGREE

ANGULAR

"Z" SHAPE

"U" SHAPE

STUD

SPECIAL APPLICATIONS

TUBING CLIPS

GENERAL FITTINGS

MECHANICAL ACCESSORIES

BEAM CLAMPS

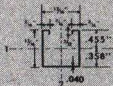
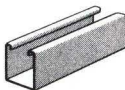
CONCRETE INSERTS



1a/2

# P-6000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

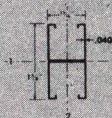
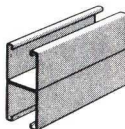


P-6000 channel and combinations are roll formed from .040 thick strip steel.

Standard lengths 8 and 16 feet.

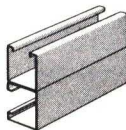
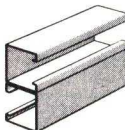
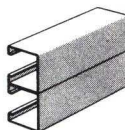
P-6000

Wt. Lbs./C Ft. 37



P-6001

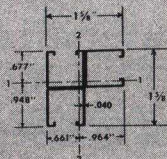
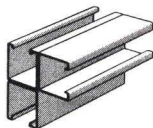
Wt. Lbs./C Ft. 73



P-6001-A

P-6001-B

P-6001-C



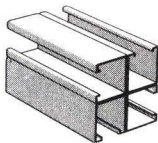
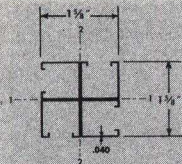
P-6001-C3

Wt. Lbs./C Ft. 110

# P-6000 channel & combinations

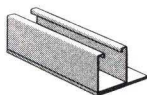
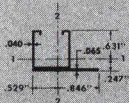
1a/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



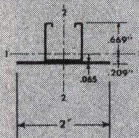
Wt. Lbs./C Ft. 145

P-6001-C4



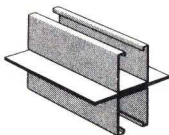
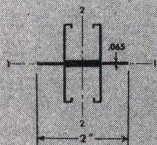
Wt. Lbs./C Ft. 67

P-6003-1



Wt. Lbs./C Ft. 79

P-6003



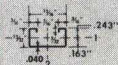
Wt. Lbs./C Ft. 158

P-6004

1a/4

# P-7000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

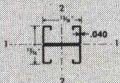
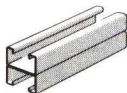


P-7000 channel and combinations are roll formed from .040 thick strip steel.

Standard lengths 10 feet.

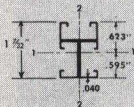
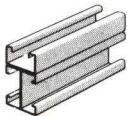
P-7000

Wt. Lbs./C Ft. 26



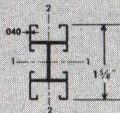
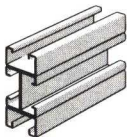
P-7001

Wt. Lbs./C Ft. 52



P-7003

Wt. Lbs./C Ft. 78



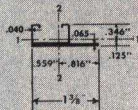
P-7004

Wt. Lbs./C Ft. 104

# P-7000 channel & combinations

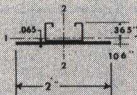
1a/5

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



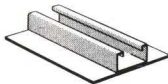
Wt. Lbs./C. Ft. 43

P-7002-2



Wt. Lbs./C. Ft. 68

P-7002-1



# 1b/2 engineering data - P-6000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.

Deflection 1/180 span — Recommended for use generally to avoid undue deflections.

Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-6000	245	.06	195	1700	
	P-6003	310	.06	260	3,600	
	P-6001	650	.03		3,420	
	P-6004	700	.03		8,050	
	P-6001-C3	860	.03		5,280	
	P-6001-C4	1310	.04		7,040	
24"	P-6000	180	.11	110	1,400	
	P-6003	230	.11	145	2,960	
	P-6001	490	.06		3,210	
	P-6004	530	.06		7,400	
	P-6001-C3	650	.05		5,110	
	P-6001-C4	980	.06		6,800	
30"	P-6000	145	.17	140	70	1,100
	P-6003	190	.17	180	90	2,160
	P-6001	390	.10		340	2,970
	P-6004	420	.09		375	6,590
	P-6001-C3	520	.08			4,880
	P-6001-C4	790	.10		685	6,480
36"	P-6000	120	.25	100	50	800
	P-6003	160	.25	130	65	1,510
	P-6001	330	.14		240	2,660
	P-6004	350	.13		260	5,570
	P-6001-C3	430	.12		365	4,600
	P-6001-C4	660	.14		475	6,100
42"	P-6000	105	.34	80	40	
	P-6003	130	.32	100	50	1,030
	P-6001	280	.19		175	2,280
	P-6004	300	.18		190	4,430
	P-6001-C3	370	.16		270	4,290
	P-6001-C4	560	.19		350	5,690
48"	P-6000	90	.43	60	30	
	P-6003	120	.44	80	40	
	P-6001	245	.24		130	1,880
	P-6004	260	.24		145	3,440
	P-6001-C3	330	.21		205	3,910
	P-6001-C4	490	.25		265	5,150
54"	P-6000	80	.55	50	25	
	P-6003	100	.53	60	30	
	P-6001	220	.31	210	105	1,470
	P-6004	230	.30		115	2,660
	P-6001-C3	290	.27		160	3,460
	P-6001-C4	440	.31	420	210	4,560
60"	P-6000	75	.70	40	20	
	P-6003	95	.69	50	25	
	P-6001	200	.39	170	85	1,210
	P-6004	210	.37	190	95	2,030
	P-6001-C3	260	.33		130	3,000
	P-6001-C4	390	.38	340	170	3,900



# P-6000 channel & combinations - engineering data 1b/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
66"	P-6000	85	.82	.....	.....	.....
	P-6003	180	.47	140	70	970
	P-6004	190	.45	150	75	1,700
	P-6001-C3	240	.40	220	110	2,540
	P-6001-C4	360	.47	280	140	3,340
72"	P-6000	80	1.00	.....	.....	.....
	P-6003	165	.55	120	60	.....
	P-6004	175	.53	130	65	.....
	P-6001-C3	220	.48	180	90	2,140
	P-6001-C4	330	.56	240	120	2,810

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-6000	.368	.108	.010	.022	.301	.014	.034	.366
P-6003-1	.670	.196	.017	.027	.294	.032	.038	.404
P-6003	.792	.261	.013	.028	.222	.056	.056	.461
P-6001	.726	.216	.048	.059	.470	.029	.071	.366
P-6004	1.584	.522	.053	.063	.316	.112	.112	.461
P-6001-C3	1.104	.324	.074	.078	.476	.081	.084	.500
P-6001-C4	1.452	.432	.096	.118	.470	.096	.118	.470

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

## Strength of P-6006-1420 Nuts used in P-6000

Resistance to Slip — 150 Lbs. per bolt  
Pull Out Strength — 250 Lbs. per bolt  
Safety Factor of 3

# P-7000 channel & combinations - engineering data

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

## BEAM LOADS:

Allowable uniformly distributed loads are listed for various simple spans, that is, beam on two supports. If load is concentrated at center of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Stress 25,000 #/sq. in. — Recommended for use where deflection is not a factor on long spans.

Deflection 1/180 span — Recommended for use generally to avoid undue deflections.

Deflection 1/360 span — Recommended for use where the amount of deflection is required to be imperceptible.

## COLUMN LOADS:

Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to standard practice.

## BEAM AND COLUMN DATA:

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
18"	P-7000	85	.11	80	40	900
	P-7002-1	120	.08	.....	80	1,840
	P-7001	210	.07	.....	158	2,020
	P-7003	690	.05	.....	.....	3,420
	P-7004	1000	.04	.....	.....	4,380

# 1b/4 engineering data - P-7000 channel & combinations

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

BEAM SPAN OR COLUMN UNSUPPORTED HEIGHT	SECTION NUMBER	UNIFORM LOAD AT 25,000 PSI STRESS	DEFLECTION AT 25,000 PSI STRESS	UNIFORM LOAD @ MAX. DEFLECTION = 1/180 SPAN	UNIFORM LOAD @ MAX. DEFLECTION = 1/360 SPAN	MAX. LOADING OF COLUMN
24"	P-7000	65	.19	44	22	700
	P-7002-1	90	.14	90	45	1,040
	P-7001	160	.12		90	1,700
	P-7003	520	.08		420	3,080
	P-7004	750	.06			4,030
30"	P-7000	50	.30	30	15	
	P-7002-1	75	.22	60	30	
	P-7001	125	.18	115	57	1,315
	P-7003	410	.13		270	2,610
	P-7004	600	.10		520	3,560
36"	P-7000	43	.43	20	10	
	P-7002-1	60	.30	40	20	
	P-7001	105	.27	80	40	925
	P-7003	345	.18		188	2,060
	P-7004	500	.14		360	3,010
42"	P-7000	38	.61	15		
	P-7002-1	52	.42	30	15	
	P-7001	90	.36	58	29	
	P-7003	295	.25	275	137	1,570
	P-7004	430	.19		265	2,380
48"	P-7000	33	.79			
	P-7002-1	46	.55	22	11	
	P-7001	80	.48	45	22	
	P-7003	260	.33	210	105	1,165
	P-7004	375	.25		200	2,220
60"	P-7001	65	.76	28	14	
	P-7003	205	.51	135	68	
	P-7004	300	.39	260	130	

## ELEMENTS OF SECTION

Part No.	Wt./Ft. Lbs.	Area of Section Sq. In.	Axis 1-1			Axis 2-2		
			I	S	r	I	S	r
			In. <sup>4</sup>	In. <sup>3</sup>	In.	In. <sup>4</sup>	In. <sup>3</sup>	In.
P-7000	.260	.076	.002	.008	.160	.010	.024	.363
P-7002-2	.426	.165	.003	.010	.155	.027	.033	.404
P-7002-1	.684	.206	.004	.011	.139	.053	.053	.507
P-7001	.520	.142	.008	.019	.236	.020	.049	.376
P-7003	.780	.228	.038	.062	.407	.018	.044	.281
P-7004	1.040	.284	.073	.090	.564	.028	.069	.314

I — Moment of Inertia

S — Section Modulus

r — Radius of Gyration

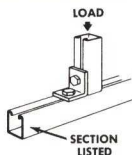
## Strength of P-7000-1420 Nuts used in P-7000

Resistance to Slip — 150 Lbs. per bolt

Pull Out Strength — 250 Lbs. per bolt

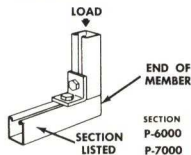
Safety Factor of 3

## Load data for 'UNISTRUT' sections subject to crushing loads



SECTION	RECOMMENDED LOAD IN LBS.*
P-6000	1000
P-7000	1300

\*Safety factor — 2½



SECTION	RECOMMENDED LOAD IN LBS.*
P-6000	700
P-7000	900

\*Safety factor — 2½

## "unistrut" nuts

2a/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

### WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
P-6006-0836	#8	36	1
P-6006-0832	#8	32	1
P-6006-1032	#10	32	1
P-6006-1024	#10	24	1
P-6006-1420	1/4"	20	1



"UNISTRUT" NUTS  
for P-6000 channel

### WITH SPRING

	SIZE	THREAD	Wt. Lbs./C
P-7006-0836	#8	36	1
P-7006-0832	#8	32	1
P-7006-1032	#10	32	1
P-7006-1024	#10	24	1
P-7006-1420	1/4"	20	1



"UNISTRUT" NUTS  
for P-7000 channel

## channel end caps & closure strip

2b/1

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



Standard length 8 feet



FOR P-6000 CHANNEL

Wt. Lbs./C 3

P-6280



FOR P-7000 CHANNEL

Wt. Lbs./C 1

Wt. Lbs./C Ft. 10

P-6184

P-7280

3/2

## general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

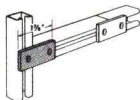
GENERAL DATA  
 hole size — 9/32" diameter  
 hole spacing — 13/32" from end  
 1 1/16" on center  
 width — 13/16"  
 thickness — 1/8"

## flat plate fittings



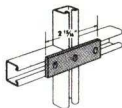
Wt. Lbs./C 2

P-6062



Wt. Lbs./C 5

P-6065



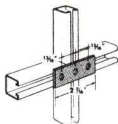
Wt. Lbs./C 8

P-6066



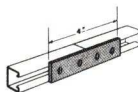
Wt. Lbs./C 5

P-6924



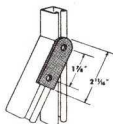
Wt. Lbs./C 7

P-6925



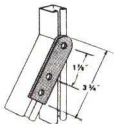
Wt. Lbs./C 11

P-6067



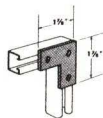
Wt. Lbs./C 7

P-7325



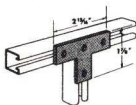
Wt. Lbs./C 10

P-7324



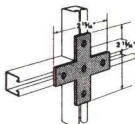
Wt. Lbs./C 8

P-6036



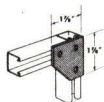
Wt. Lbs./C 11

P-6031



Wt. Lbs./C 14

P-6028



Wt. Lbs./C 11

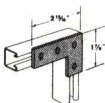
P-6334

**GENERAL DATA**  
hole size — 9/32" diameter  
hole spacing — 13/32" from end  
                  1-1/16" on center  
width — 13/16"  
thickness — 1/8"

# general fittings

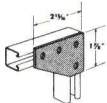
3/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



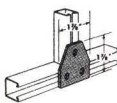
Wt. Lbs./C 11

**P-6380A**



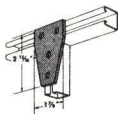
Wt. Lbs./C 15

**P-6380**



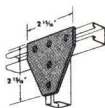
Wt. Lbs./C 10

**P-6356A**



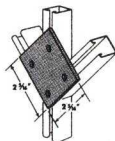
Wt. Lbs./C 15

**P-6358A**



Wt. Lbs./C 22

**P-6726A**



Wt. Lbs./C 19

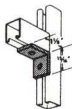
**P-6962**

## ninety degree fittings



Wt. Lbs./C 5

**P-6068**



Wt. Lbs./C 5

**P-6026**



	A	Wt. Lbs./C
<b>P-6281</b>	2"	8
<b>P-6282</b>	2 1/2"	9
<b>P-6283</b>	3"	10

**P-6281 thru P-6283**



Wt. Lbs./C 8

**P-6326**



Wt. Lbs./C 8

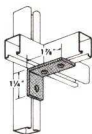
**P-6346**



Wt. Lbs./C 8

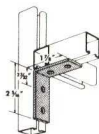
**P-6069**





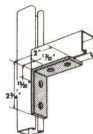
Wt. Lbs./C 8

P-6458



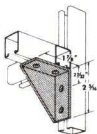
Wt. Lbs./C 11

P-6325



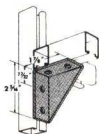
Wt. Lbs./C 11

P-6070



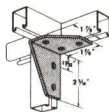
Wt. Lbs./C 19

P-6332



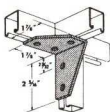
Wt. Lbs./C 19

P-6331



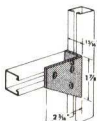
Wt. Lbs./C 21

P-6917



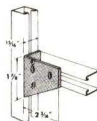
Wt. Lbs./C 21

P-6918



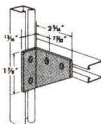
Wt. Lbs./C 15

P-6290



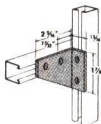
Wt. Lbs./C 15

P-6291



Wt. Lbs./C 15

P-6381



Wt. Lbs./C 15

P-6382



Wt. Lbs./C 11

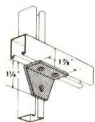
P-6060

**GENERAL DATA**  
hole size — 9/32" diameter  
hole spacing — 13/32" from end  
                  — 1-1/16" on center  
width — 13/16"  
thickness — 1/8"

# general fittings

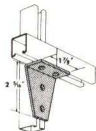
3/5

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



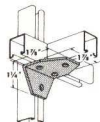
Wt. Lbs./C 10

**P-6357**



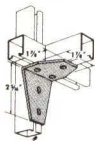
Wt. Lbs./C 15

**P-6359**



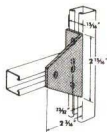
Wt. Lbs./C 15

**P-6579**



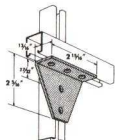
Wt. Lbs./C 18

**P-7235**



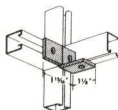
Wt. Lbs./C 22

**P-6727**



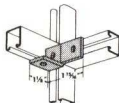
Wt. Lbs./C 22

**P-6728**



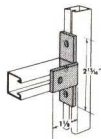
Wt. Lbs./C 8

**P-6037**



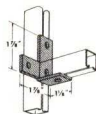
Wt. Lbs./C 8

**P-6038**



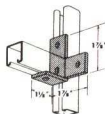
Wt. Lbs./C 11

**P-6033**



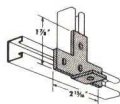
Wt. Lbs./C 11

**P-6034**



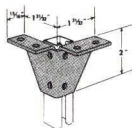
Wt. Lbs./C 11

**P-6035**



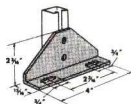
Wt. Lbs./C 14

**P-6029**



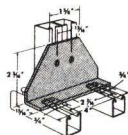
Wt. Lbs./C 28

P-6887



Wt. Lbs./C 32

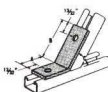
P-6130



Wt. Lbs./C 35

P-6355

## angular fittings



	A	B	C
P-7094	2 1/2"	2 1/2"	82 1/2°
P-7095	2 1/2"	2 1/2"	75°
P-7096	2"	2"	67 1/2°
P-7097	1 3/4"	1 3/4"	60°
P-7098	1 1/2"	1 1/2"	52 1/2°
P-6546	1 3/4"	1 3/4"	45°
P-7099	2 1/2"	2"	37 1/2°
P-7100	1 3/4"	1 1/2"	37 1/2°

Wt. Lbs./C 8

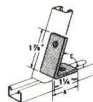
P-7094 thru P-7100



C
P-7101 30°
P-7102 22 1/2°
P-7103 15°
P-7104 7 1/2°

Wt. Lbs./C 8

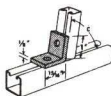
P-7101 thru P-7104



A	C
P-7105 1 1/2"	82 1/2°
P-7106 1 3/4"	75°
P-7107 1 1/2"	67 1/2°
P-7108 1 1/2"	60°
P-7109 1 3/4"	52 1/2°
P-6186 1 3/4"	45°
P-7110 1 3/4"	37 1/2°

Wt. Lbs./C 8

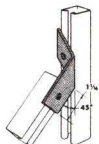
P-7105 thru P-7110



C	C
P-7121 82 1/2°	P-7127 37 1/2°
P-7122 75°	P-7128 30°
P-7123 67 1/2°	P-7129 22 1/2°
P-7124 60°	P-7130 15°
P-7125 52 1/2°	P-7131 7 1/2°
P-7126 45°	

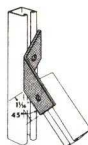
Wt. Lbs./C 5

P-7121 thru P-7131



Wt. Lbs./C 7

P-6191



Wt. Lbs./C 7

P-6192

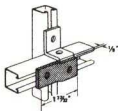
GENERAL DATA  
hole size — 9/32" diameter  
hole spacing — 1 1/32" from end  
1 1/16" on center  
width — 1 1/16"  
thickness — 1/8"

# general fittings

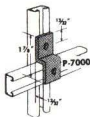
3/7

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

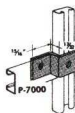
## "Z" shape fittings



Wt. Lbs./C 5



Wt. Lbs./C 6

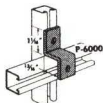


Wt. Lbs./C 6

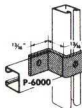
P-6454

P-7045

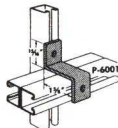
P-7347



Wt. Lbs./C 7



Wt. Lbs./C 7

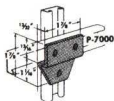


Wt. Lbs./C 9

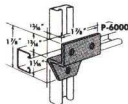
P-6045

P-6347

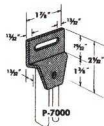
P-6453



Wt. Lbs./C 18



Wt. Lbs./C 13

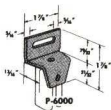


Wt. Lbs./C 13

P-7758

P-6758

P-7480



Wt. Lbs./C 13

P-6480

3/8

## general fittings

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan

GENERAL DATA  
hole size — 9/32" diameter  
hole spacing — 13/32" from end  
                    1-1/16" on center  
width — 13/16"  
thickness — 1/8"

## "U" shape fittings



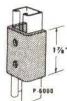
Wt. Lbs./C 8

P-6973



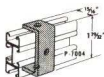
Wt. Lbs./C 11

P-7376



Wt. Lbs./C 17

P-6376



Wt. Lbs./C 7

P-7044



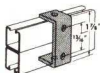
Wt. Lbs./C 16

P-7376A



Wt. Lbs./C 26

P-6376A



Wt. Lbs./C 9

P-6044



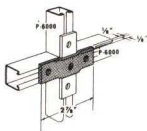
Wt. Lbs./C 24

P-7377



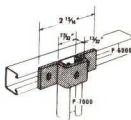
Wt. Lbs./C 36

P-6377



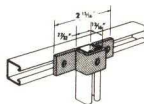
Wt. Lbs./C 8

P-6455



Wt. Lbs./C 10

P-7047



Wt. Lbs./C 12

P-6047

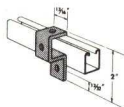


GENERAL DATA  
 hole size —  $9/32"$  diameter  
 hole spacing —  $13/32"$  from end  
                    $1-1/16"$  on center  
 width —  $13/16"$   
 thickness —  $1/8"$

# general fittings

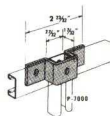
3/9

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



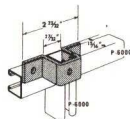
Wt. Lbs./C 10

**P-6046**



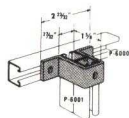
Wt. Lbs./C 10

**P-7383**



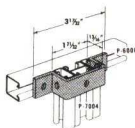
Wt. Lbs./C 12

**P-6383**



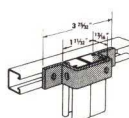
Wt. Lbs./C 16

**P-6737**



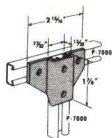
Wt. Lbs./C 13

**P-7043**



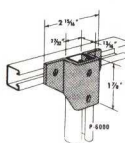
Wt. Lbs./C 14

**P-6043**



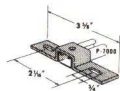
Wt. Lbs./C 19

**P-7757**



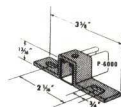
Wt. Lbs./C 26

**P-6757**



Wt. Lbs./C 10

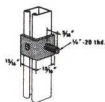
**P-7048**



Wt. Lbs./C 14

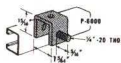
**P-6048**

## stud fittings



Wt. Lbs./C 5

P-6315



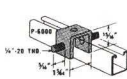
Wt. Lbs./C 8

P-6320



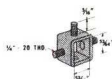
Wt. Lbs./C 9

P-6319



Wt. Lbs./C 9

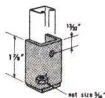
P-6317



Wt. Lbs./C 14

P-6321

## special application fittings



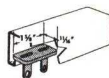
Wt. Lbs./C 21

P-6543



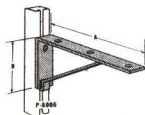
Wt. Lbs./C 1

P-6349



Wt. Lbs./C 1

P-6353



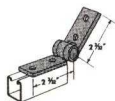
	A	B	Wt. Lbs./C
P-6127	6 1/2"	2 1/2"	30
P-6128	8 1/2"	3 1/4"	40
P-6129	10 1/2"	4"	50

P-6127 thru P-6129



Wt. Lbs./C 8

P-6843

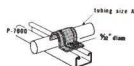


Wt. Lbs./C 14

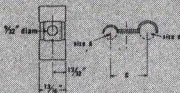
P-6354

	O.D. TUBE SIZE A	Wt. lbs./C
P-7008	3/4"	1
P-7009	1 1/4"	1
P-7010	3/4"	2
P-7012	1 1/2"	2

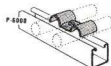
P-7014	3/4"	3
P-7016	3/4"	4
P-7018	3/4"	5
P-7020	1"	5



## P-7008 thru P-7020



	O.D. TUBE SIZE A	O.D. TUBE SIZE B	C	Wt. lbs./C
P-6805	1/4"	3/4"	3/4"	1
P-6806	3/4"	3/4"	1"	2
P-6807	1/4"	3/4"	1 1/4"	3
P-6808	1/4"	3/4"	3/4"	2
P-6809	1/4"	1/2"	1"	2
P-6810	3/4"	1/2"	1 1/4"	3



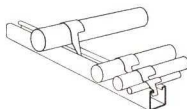
## P-6805 thru P-6810

	O.D. TUBE SIZE A	Wt. lbs./C
P-7601	3/4"	.2
P-7602	1/4"	.3
P-7603	3/4"	.3
P-7604	3/4"	.3
P-7605	3/4"	.4
P-7606	1/4"	.4
P-7607	3/4"	.5

	O.D. TUBE SIZE A	Wt. lbs./C
P-7608	3/4"	.5
P-7609	1/4"	.6
P-7610	3/4"	.6
P-7611	1/4"	.7
P-7612	3/4"	.7
P-7613	1/4"	.8
P-7614	1"	.8

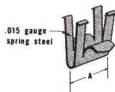


Patent pending



## P-7601 thru P-7614

A DIM.	O.D. TUBE SIZE	Wt. lbs./C	A DIM.	O.D. TUBE SIZE	Wt. lbs./C
P-6101	3/4"	1	P-6108	1 1/4"	2
P-6102	1/4"	1	P-6109	1 1/4"	2
P-6103	3/4"	1	P-6110	1 1/2"	2
P-6104	3/4"	1	P-6111	1 3/4"	2
P-6105	3/4"	1	P-6112	1 3/4"	3
P-6106	1"	1	P-6113	1 3/4"	3
P-6107	1 1/4"	1	P-6114	2"	3

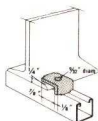


## P-6101 thru P-6114

4/2

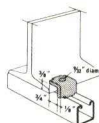
# beam clamps

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



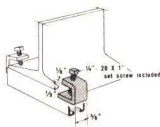
Wt. Lbs./C 4

**P-6386**



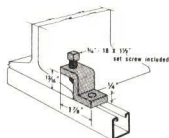
Wt. Lbs./C 4

**P-6386A**



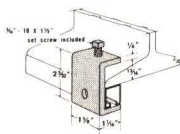
Wt. Lbs./C 5

**P-6272**



Wt. Lbs./C 13

**P-6379**



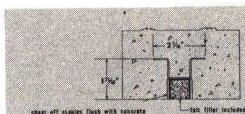
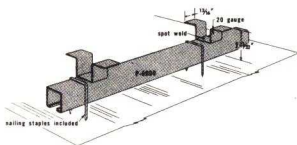
Wt. Lbs./C 41

**P-6271**

# concrete inserts

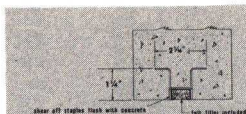
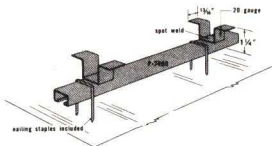
4/3

Manufactured by UNISTRUT CORPORATION • Wayne, Michigan



	LENGTH	Wt. lbs./C		LENGTH	Wt. lbs./C
P-6250	3"	20	P-6257	30"	122
P-6251	6"	32	P-6258	36"	142
P-6252	9"	43	P-6259	48"	187
P-6253	12"	53	P-6260	60"	232
P-6254	15"	67	P-6261	72"	276
P-6255	18"	78	P-6262	84"	314
P-6256	24"	98	P-6263	96"	364

## P-6250 thru P-6263



	LENGTH	Wt. lbs./C		LENGTH	Wt. lbs./C
P-7250	3"	17	P-7257	30"	96
P-7251	6"	28	P-7258	36"	109
P-7252	9"	35	P-7259	48"	146
P-7253	12"	43	P-7260	60"	180
P-7254	15"	55	P-7261	72"	214
P-7255	18"	62	P-7262	84"	233
P-7256	24"	77	P-7263	96"	281

## P-7250 thru P-7263





# numerical index

## UNISTRUT CHANNELS AND COMBINATIONS

P-6000 1a/2  
P-6001 1a/2  
P-6001-A 1a/2  
P-6001-B 1a/2  
P-6001-C 1a/2

P-6001-C3 1a/2  
P-6001-C4 1a/3  
P-6003 1a/3  
P-6003-1 1a/3  
P-6004 1a/3

P-7000 1a/4  
P-7001 1a/4  
P-7002-1 1a/5  
P-7002-2 1a/5  
P-7003 1a/4

P-7004 1a/4

## CLOSURE STRIPS

P-6184 2a/1

## UNISTRUT NUTS

P-6006-0836 2a/1  
P-6006-0832 2a/1  
P-6006-1032 2a/1  
P-6006-1024 2a/1  
P-6006-1420 2a/1

P-7006-0836 2a/1  
P-7006-0832 2a/1  
P-7006-1032 2a/1  
P-7006-1024 2a/1  
P-7006-1420 2a/1

## GENERAL FITTINGS

P-6026 3/3  
P-6028 3/2  
P-6029 3/5  
P-6031 3/2  
P-6033 3/5

P-6034 3/5  
P-6035 3/5  
P-6036 3/2  
P-6037 3/5  
P-6038 3/5

P-6043 3/9  
P-6044 3/8  
P-6045 3/7  
P-6046 3/9  
P-6047 3/8

P-6048 3/9  
P-6060 3/4  
P-6062 3/2  
P-6065 3/2  
P-6066 3/2

P-6067 3/2  
P-6068 3/3  
P-6069 3/3  
P-6070 3/4  
P-6101 4/1

P-6102 4/1  
P-6103 4/1  
P-6104 4/1  
P-6105 4/1  
P-6106 4/1

P-6107 4/1  
P-6108 4/1  
P-6109 4/1  
P-6110 4/1  
P-6111 4/1

P-6112 4/1  
P-6113 4/1  
P-6114 4/1  
P-6127 3/10  
P-6128 3/10

P-6129 3/10  
P-6130 3/6  
P-6186 3/6  
P-6191 3/6  
P-6192 3/6

P-6250 4/3  
P-6251 4/3  
P-6252 4/3  
P-6253 4/3  
P-6254 4/3

P-6255 4/3  
P-6256 4/3  
P-6257 4/3  
P-6258 4/3  
P-6259 4/3

P-6260 4/3  
P-6261 4/3  
P-6262 4/3  
P-6263 4/3  
P-6271 4/2

P-6272 4/2  
P-6280 2b/1  
P-6281 3/3  
P-6282 3/3  
P-6283 3/3

P-6290 3/4  
P-6291 3/4  
P-6315 3/10  
P-6317 3/10  
P-6319 3/10

P-6320 3/10  
P-6321 3/10  
P-6325 3/4  
P-6326 3/3  
P-6331 3/4

P-6332 3/4  
P-6334 3/2  
P-6346 3/3  
P-6347 3/7  
P-6349 3/10

P-6353 3/10  
P-6354 3/10  
P-6355 3/6  
P-6356A 3/3  
P-6357 3/5

P-6358A 3/3  
P-6359 3/5  
P-6376 3/8  
P-6376A 3/8  
P-6377 3/8

P-6379 4/2  
P-6380 3/3  
P-6380A 3/3  
P-6381 3/4  
P-6382 3/4

P-6383 3/9  
P-6386 4/2  
P-6386A 4/2  
P-6453 3/7  
P-6454 3/7

P-6455 3/8  
P-6458 3/4  
P-6480 3/7  
P-6543 3/10  
P-6546 3/6

P-6579 3/5  
P-6726 3/3  
P-6727 3/5  
P-6728 3/5  
P-6737 3/9

P-6757 3/9  
P-6758 3/7  
P-6805 4/1  
P-6806 4/1  
P-6807 4/1

P-6808 4/1  
P-6809 4/1  
P-6810 4/1  
P-6843 3/10  
P-6887 3/6

P-6917 3/4  
P-6918 3/4  
P-6924 3/2  
P-6925 3/2  
P-6962 3/3

P-6973 3/8  
P-7008 4/1  
P-7009 4/1  
P-7010 4/1  
P-7012 4/1

P-7014 4/1  
P-7016 4/1  
P-7018 4/1  
P-7020 4/1  
P-7043 3/9

P-7044 3/8  
P-7045 3/7  
P-7047 3/8  
P-7048 3/9  
P-7094 3/6

P-7095 3/6  
P-7096 3/6  
P-7097 3/6  
P-7098 3/6  
P-7099 3/6

P-7100 3/6  
P-7101 3/6  
P-7102 3/6  
P-7103 3/6  
P-7104 3/6

P-7105 3/6  
P-7106 3/6  
P-7107 3/6  
P-7108 3/6  
P-7109 3/6

P-7110 3/6  
P-7121 3/6  
P-7122 3/6  
P-7123 3/6  
P-7124 3/6

P-7125 3/6  
P-7126 3/6  
P-7127 3/6  
P-7128 3/6  
P-7129 3/6

P-7130 3/6  
P-7131 3/6  
P-7235 3/5  
P-7250 4/3  
P-7251 4/3

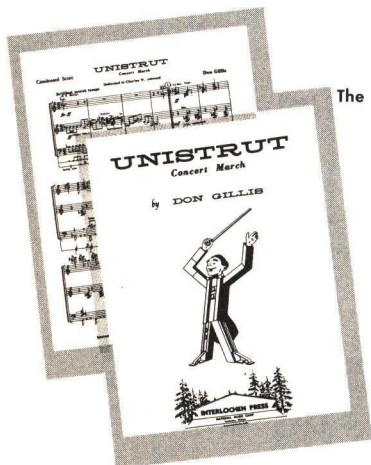
P-7252 4/3  
P-7253 4/3  
P-7254 4/3  
P-7255 4/3  
P-7256 4/3

P-7257 4/3  
P-7258 4/3  
P-7259 4/3  
P-7260 4/3  
P-7261 4/3

P-7262 4/3  
P-7263 4/3  
P-7280 2b/1  
P-7324 3/2  
P-7325 3/2

# numerical index

P-7347	3/7
P-7376	3/8
P-7376A	3/8
P-7377	3/8
P-7383	3/9
P-7480	3/7
P-7601	4/1
P-7602	4/1
P-7603	4/1
P-7604	4/1
P-7605	4/1
P-7606	4/1
P-7607	4/1
P-7608	4/1
P-7609	4/1
P-7610	4/1
P-7611	4/1
P-7612	4/1
P-7613	4/1
P-7614	4/1
P-7757	3/9
P-7758	3/7



The beauty and rhythm of UNISTRUT  
framing now set to music...

Music score complete for concert  
band available at nominal cost.

order  
from publisher | INTERLOCHEN PRESS  
National Music Camp  
Interlochen, Michigan

## *General Information*

**WHERE TO BUY:** Authorized UNISTRUT distributors are located in all the principal cities in the United States and internationally. Consult your local telephone directories for the name and address of your nearest distributor. Inquiries or orders may be placed with him or contact Unistrut Products Company, 933 W. Washington Blvd., Chicago 7, Illinois. Telephone MOndroe 6-2665. Teletype No. CG 1329.

**SERVICE FACILITIES:** All authorized UNISTRUT distributors operate sales, engineering and warehousing facilities to serve your needs. In addition, Unistrut Products Company maintains major stocking subsidiaries in the principal market areas of the United States and employs sales engineers to serve architects, engineers and major accounts in these areas.

Since 1939 the UNISTRUT organization has built up a vast fund of information and knowledge concerning the use of its products among architects, engineers, contractors, consultants and in plants, factories, warehouses, offices, buildings, stores and shops throughout the world. This "know-how" is available to every UNISTRUT customer, large or small.

Manufactured by

### **UNISTRUT CORPORATION**

Wayne, Michigan

Distributed by

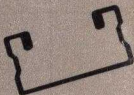
### **UNISTRUT PRODUCTS CO.**

General Offices: 933 W. Washington Blvd., Chicago 7, Illinois  
Phone: MOndroe 6-2665 — Teletype: CG 1329

# UNISTRUT<sup>®</sup>

UNISTRUT CORPORATION manufacturers of channels, nuts and fittings necessary for the construction of . . .

**Partitions** — for Factories, Warehouses, Offices and Stores ● **Fluorescent Fixtures Supports** ● **Racks** — Pallet and Skid Racks, Die and Bar Stock Racks, Storage Furniture, Display, Etc. **Concrete Inserts** ● **Tubing and Pipe Clamps** ● **General Construction** — Support or Mount Electrical and Mechanical Equipment of all Kinds.





Digitized by:



ASSOCIATION  
FOR  
PRESERVATION  
TECHNOLOGY,  
INTERNATIONAL

[www.apti.org](http://www.apti.org)

BUILDING  
TECHNOLOGY  
HERITAGE  
LIBRARY

<https://archive.org/details/buildingtechnologyheritage>

From the collection of:

Association for Preservation Technology, Inc.